Field Book #72



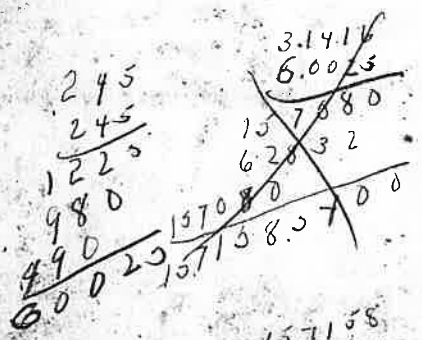
Aug 19 1914

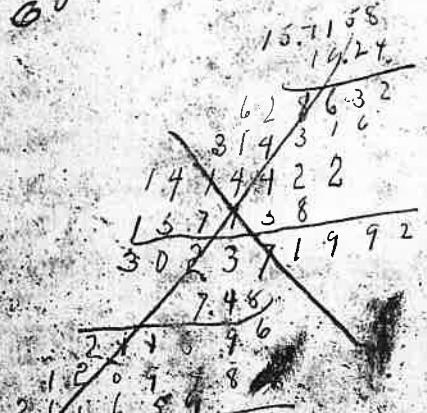
Last payment to A.B. Co

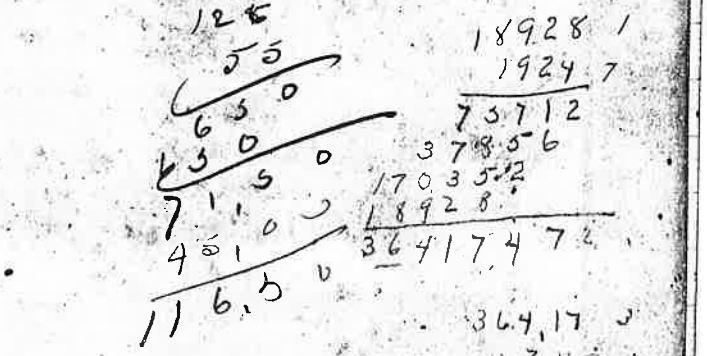
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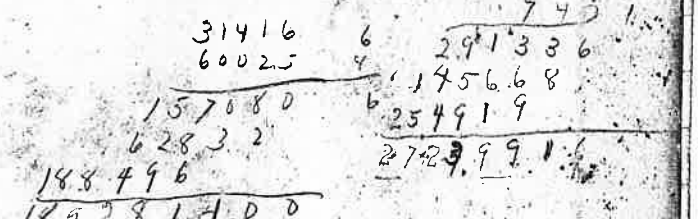
19.24 long
4.90 deep

6.4 west
9.2 North











Apr 21 1914

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL							AREAS				CUBIC YDS.		REMARKS
			LEFT			C			RIGHT	EXCAVATION			Embankment		EXCAV.	EMBANK.	

1

X SECTION. Front Street Oakland Ore. Apr 21 14

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
B.M.	5.9.0	434.90		429.00						U.S.G.S. B.M.
			429.9 / 50 / 25	430.3 / 44 / 20	431.2 / 37 / 00	431.5 / 34 / 20				
0 - 07'							N. Edge of Parc. and S. Side of X walk			Locust St Front St.
			429.7 / 52 / 30	430.2 / 47 / 20	431.4 / 35 / 00	432.5 / 24 / 20	433.8 / 21 / 30			
0 + 00										N. Prop L. Locust
			428.9 / 60 / 30	429.6 / 53 / 20	430.4 / 45 / 00	431.8 / 31 / 10	432.1 / 28 / 20	432.6 / 23 / 30		
0 + 2.5										
			428.6 / 63 / 30	429.2 / 57 / 20	430.0 / 49 / 00	431.5 / 34 / 10	431.6 / 33 / 20	432.0 / 29 / 30	walk	
0 + 50							M.B. Germond	1		
			428.6 / 63 / 30	428.8 / 61 / 20	429.5 / 54 / 00	429.9 / 50 / 10	430.1 / 48 / 20	431.3 / 36 / 30		
							D.V. Smith	1		
0 + 75							D. Mahoney	1		
			428.2 / 67 / 30	428.7 / 62 / 20	428.8 / 61 / 00		428.8 / 61 / 20	429.7 / 51 / 30	walk	
1 + 00										
	426.9 / 81 / 30		426.7 / 82 / 25	427.2 / 77 / 20	427.8 / 71 / 00		427.3 / 76 / 20	428.5 / 64 / 30	walk 427.5 / 74 / 30	
1 + 50										
			425.7 / 92 / 30	426.5 / 84 / 20	426.7 / 82 / 00		426.6 / 83 / 20	426.8 / 81 / 30		
2 + 00										S. Prop L. Oak St.
	425.9 / 95 / 30		426.0 / 89 / 20	426.6 / 83 / 10	426.9 / 80 / 00		427.1 / 78 / 20	427.3 / 76 / 25	427.3.5 / 76 / 30	
1 + 15										S Curb L. " "
	425.4 / 95 / 30		425.7 / 92 / 20	426.3 / 86 / 10	426.6 / 83 / 00	427.3 / 76 / 20	427.3 / 76 / 25	427.5 / 76 / 30		
2 + 30										C. " "

Apr 21 1914

2 Cross SECTION. Front Street Oakland Ore.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		434.90								
T.P.	3.79	430.42	425.1 425.4 426.3 426.4 426.7 426.7 427.1 8 27 42663							
2+45			53/30 50/20 41/10 40/00 37/20 37/25 33/30							K. Curb L. Oak St.
			424.7 425.0 426.1 425.9 424.9 424.9 425.4							
2+60			57/30 54/20 43/10 43/00 40/20 35/30 (W) 30/30							K. Prop L. " "
			424.2 424.6 425.2 425.2 425.3 426.1 424.9							
3+10			62/30 58/20 52/10 52/00 51/20 43/30 49/30							
			424.3 424.2 424.8 424.9 424.3 423.7							
+60			61/30 62/20 56/10 55/00 61/20 61/30							
			422.2 423.1 423.8 423.6 422.8 424.6 422.8							
4+10			72/30 73/20 66/10 66/00 72/20 55/30 (W) 76/30							
			422.1 422.2 423.3 423.3 422.6 422.4 420.9							
+38			83/30 82/20 71/10 71/00 78/10 80/20 93/30							
			421.9 421.6 423.7 423.9 423.5 421.7 420.7 420.0							
+60			86/30 88/20 67/10 65/00 69/50 82/10 97/15 97/20 104/30							S. Prop L Ash St
T.P.	2.54	427.12	420.2 423.3 424.4 424.2 423.9 422.4 419.9 419.3 417.3							
+90			67/30 69/20 38/10 27/60 29/00 35/60 42/10 72/15 78/20 98/30							S Curb L " "
			419.7 419.5 422.5 423.8 423.8 423.2 421.1 419.3 418.2 416.1							
5+05			74/30 74/20 46/10 33/70 33/00 36/50 60/10 88/18 89/10 112/25 112/30							℄ " "
			419.4 418.8 419.5 421.3 422.7 423.6 423.2 416.1 415.3 414.9 410.9							
5+15			72/30 83/20 76/15 58/10 34/70 33/00 39/60 81/10 116/12 112/20 112/30							℄ of Creek at 30 ft out East

3 Cross SECTION. Front Street — Oakland, Ore. — Apr 21 1914

STA.	ELEVA.	GRADE	CUT OR FILL	AREAS		CUBIC YDS.		REMARKS
			LEFT / C / RIGHT	EXCAVATION	Embankment	EXCAV.	EMBANK.	
		420.12						
5+20								N Curb Line
								Take away 4 cy. of fill in this section
125								South edge of stream at C Line
Sub 4 cy from this sec. of Fill								5+30 CL of Creek at CL of St.
5+35								
								5+40 CL of Creek at W Prop
5+45								
5+50								N. Prop L. of Ash Street
								Take away 2 cy from this sec
5+60								
T.P.	6.52	432.02						
6+00								
50								
T.P.	10.03	441.62						
7+00								
50								S. Prop L. Pine St
70								S. Curb L " "

4 Cross SECTION. Front Street Oakland Or. Apr 21 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		441.62								
	4.08	443.83	437.3 437.8 438.0 435.6 439.7 440.1 440.3 440.3 440.2 1.87 4.39.75							C. Line hub for B.M.
7+80			6.5/31 4.2/20 5.8/15 5.2/10	4.1/00	3.7/10 3.5/15 3.5/20 3.2/30					℄ of Pine St
			437.1 437.5 437.9 438.5 439.8 440.1 440.2 440.5 440.8							
+90			1.7/30 1.3/20 5.8/15 5.3/10	4.0/00	3.7/10 3.6/15 3.3/20 3.2/30					N. Curb of Pine
			436.5 436.3 436.9 437.6 439.5 439.5 439.1 439.0 440.8 440.8				Apr. 22	1914		
8+10			7.3/30 7.6/20 6.9/15 6.2/10 4.5/40	4.3/00	4.7/10 4.5/15 3.8/20 3.4/30					N. Prop ℄ of Pine
			436.4 436.7 437.5 437.6 438.8 438.4 437.7 439.0 440.2							
+60			7.4/30 7.1/20 6.8/15 5.2/10 7.0	5.0/00	5.4/10 6.2/15 4.8/20 3.6/30		Germond		1	
			437.0 436.3 436.4 437.9 438.5 438.9 437.2 437.5 439.0 439.5				Smith		1	
9+10			6.2/30 7.2/20 7.4/15 5.9/10 5.3/90	4.9/00	5.6/10 5.2/15 4.4/20 4.3/30		Mahoney		1	
			436.7 437.5 437.7 438.2 439.9 439.2 438.9 440 441.4							
+60			5.1/30 6.3/20 5.9/15 4.6/10	3.9/00	4.6/10 4.2/15 2.5/20 2.4/30					
			439.6 439.3 439.6 440.4 441.3 440.6 440.1 442.0 443.1							
10+10			3.9/30 4.5/20 4.2/15 3.4/10	2.2/00	3.2/10 3.7/15 1.5/20 0.7/30					S. Prop ℄ Cypress
			439.6 440.0 440.4 441.2 442.3 442.5 442.4 441.6 439.8							
+30			4.2/30 3.8/20 3.7/15 2.6/10	1.5/00	1.3/10 1.4/15 1.2/20 0.0/30					S Curb ℄ Cypress
			440.4 441.3 440.6 441.4 442.5 442.8 443.4 443.9 444.1 444.4							
+40			3.4/30 3.5/20 3.2/15 2.4/10 1.3/5.0	1.0/00	0.4/10 0.2/15 -0.3/20 -0.0/30					℄ of Cypress
T.P.	138	444.18	1.03		442.80					

5 Cross SECTION. Front Street Oakland Ore Apr 22 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		444.18	440.4 / 440.7 / 440.5 / 441.7 / 442.7	443.2	443.1					
			38 / 30 35 / 20 33 / 15 25 / 10 15 / 6	1 0 / 0 0	0 5 / 1 0					
10+50					0 3 / 1 5					N. Curb of Cypress
			441.2 / 441.1 / 441.6 / 442.6	443.0	443.1 / 443.4 / 443.8 / 446.0					
			30 / 30 20 / 31 / 15 21 / 16 / 10 6 0	1 2 / 0 0	1 2 / 1 0					
+70					0 5 / 1 5					N. Prop L. Cypress
					0 4 / 2 0 / +18 / 30					
			442.0 / 441.8 / 441.4 / 442.2	442.8	443.1 / 442.8 / 443.0 / 445.5					
			30 / 22 / 29 / 20 / 27 / 15 / 20 / 10	1 2 / 0 0	1 1 / 1 0 / 1 1 / 1 5 / 1 2 / 2 0 / -13 / 30					
11+20						104 / 643 / 830				
			439.7 / 439.6 / 439.4 / 439.5	439.8	439.7 / 440.1 / 441.2 / 444.2					
			45 / 30 46 / 20 48 / 15 47 / 10	4 4 / 0 0	4 5 / 1 0 / 4 1 / 1 5 / 3 0 / 2 0 / 5 0 / 3 0					
+70						415 / 36 / 2795 / 2143 / 1244 / 159	25 / 25	145 / 145 / 290 / 580 / 493 / 203		
	415	438.43	430.4 / 434.9 / 431.9 / 433.8	438.9	434.8 / 435.0 / 435.2 / 436.4					
			80 / 30 70 / 20 69 / 15 54 / 10	4 5 / 0 0	3 6 / 1 0 / 3 4 / 1 5 / 3 2 / 2 0 / 0 0 / 3 0					
12+20										
			429.0 / 429.5 / 430.6 / 429.9	432.2	433.6 / 433.9 / 434.0 / 435.3					
			30 / 94 20 / 85 15 / 85 10	6 2 / 4 0	4 5 / 1 0 / 4 4 / 1 5 / 5 4 / 2 0 / 3 6 / 3 1					
12+40.										
			426.2 / 426.7 / 429.8 / 429.8	431.2	433.4 / 433.6 / 433.8 / 435.7					
			92 / 30 87 / 20 85 / 15 85 / 10	7 2 / 0 0	0 2 / 3 0 / 1 5 / 1 0 / 4 1 / 1 5 / 6 7 / 2 0 / 7 5 / 3 0					
+57										
			4303 / 420.1 / 4306 / 4306 / 432.4	432.7	433.4 / 433.4 / 431.2 / 430.9					
			21 / 20 78 / 15 78 / 10 60 / 20	5 7 / 0 1	5 0 / 1 0 / 3 0 / 1 5 / 7 2 / 2 0 / 7 2 / 3 0					
12+70										S Prop. L. Cedar
			432.7 / 432.4 / 432.6 / 432.6	433.0	434.0 / 433.7 / 432.0 / 432.0					
			57 / 30 56 / 20 62 / 15 58 / 10	0 4 / 0 0	4 4 / 1 0 / 4 7 / 1 5 / 4 2 / 2 0 / 4 2 / 3 0					
+90										S Curb L "
			432.9 / 433.0 / 433.5 / 433.5	434.3	434.6 / 434.9 / 434.0 / 432.9					
			51 / 30 54 / 20 55 / 15 49 / 10	4 1 / 0 0	3 8 / 1 0 / 4 6 / 1 5 / 4 1 / 2 0 / 5 3 / 3 0					
13+00										a of Cedar
			433.8 / 433.9 / 433.9 / 434.0	435.3	436.5 / 435.5					
			46 / 30 45 / 20 46 / 15 41 / 10	3 1 / 0 0	2 9 / 1 0 / 2 9 / 1 5					
+10										N Curb Cedar

6 Cross SECTION. Cedar Street Oakland Or Apr 25 1914

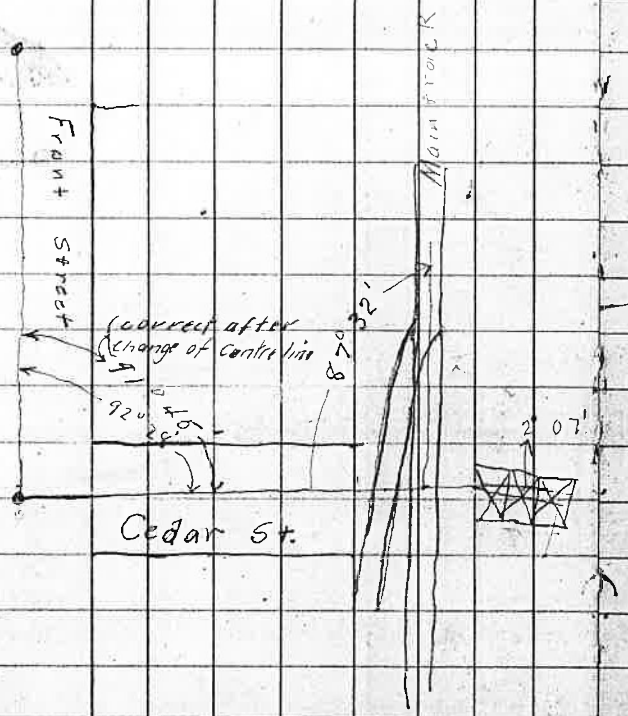
STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		438.43								
B.M.	3.0 ft	437.30		4 14 . 43 4.29						B.M. on Intersect. hub Cedar and Front
13+30		433.25				36	75			W. Prop of Cedar
13+55		432.00				113	02	69	36	
+80		430.75				230		159		
14+05		429.50				307		241		
+30		428.25				376		316		
+53							00	192	03	
+57		426.90				08	58			
				1084	426.46					E. Rail of spur
				1084	426.46					" " Main Trk
14+20										W side of Kruses Mill and walk
										Dist from Kruses walk to C.L. of road at 13+80 = 23'
13+16										E side of Kruses walk & Mill
								985	39	

7 SECTION. Notes on Oakland Street Work Apr 21-22-23-25 '14

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
13+00	Intersect Front and Cedar Sts.									
14+62	SPur Track S.P.R.R.			℄ of Spur						
+80'	Main			℄ of Track						
15+24.9	End end of Bridge									
12+60	Culvert	12" pipe								

Dist. from Intersect. hub Front and Cedar to Kruse's Mill = 32' ft. This hub can be placed 2' ahead

12



8 Cross SECTION. 2nd Street Oakland Or. Apr 24 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
B.M U.S.G.S.	8.52	437.52			429.00		German	1		
	1.08	436.98		1.62	435.90		Smith	1		
0+00						curb	Mahoney	1		N. Prop L. of Locust St. readings Top of Pavement
0+16										
0+50										
1+00										
+50										Both (w) readings are on the S. and N. ends of the I.O.F. Concrete walls
2+00							Sprop of Oak ST.			
2+15							" Cu-b	"	"	Count the ground Level from 20 to 25' on the Rt. side. This applies between stas 0+00 to 1+33
+30							"	"	"	
	1.93	430.91		8.60	428.98					

9 X SECTION. 2nd Street — Oakland Orc — Apr 24 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		430.11								
2+45			6/30 24/20 22/10	24/00	23/10 20/20 19/30					N. Curb Line Oak
+60			6/30 27/20 27/10	26/00	28/10 27/15 34/20 24/30					N. Prop. Lot Oak
3+10			51/30 52/20 43/10	40/00	44/10 47/15 48/20 43/30					
+60			56/30 53/20 50/10	46/00	46/10 50/15 56/20 52/30					
+85			45/30 50/20 47/10 47/10	46/00	48/10 52/15 60/20 56/30					
4+10			68/30 70/20 63/10	53/00	52/10 60/15 68/20 58/30					
+33			89/30 75/20 58/10	58/00	58/10 58/15 59/20 62/30					
+40			82/30 77/20 69/10	57/00	56/10 54/15 75/20 89/30					
+60			83/30 84/20 72/10 63/10	60/00	53/10 51/15 83/18 82/20	→ In Center of Creek Bed on Str				S. Prop Lot of Ash
+80			84/30 85/20 81/15 72/10 60/10	52/00	51/00 49/10 58/12 72/15					
+90			85/30 90/20 85/15 72/10 54/10	53/00	50/00 59/10 90/15 114/20					S. Curb L. of

10 X SECTION. 2nd Street

Oakland, Or. Apr 24 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		430.91								
5+00										
										℄ of Culvert
+05										
										℄ of Ash St.
T.P.	451	430.28								
5+11										℄ of Creek on West or Left Side
5+21										
+35										
5+50										
										N. Prop of Ash
+75										
6+00										
	839	438.11								
+25										
+50										
7+00										

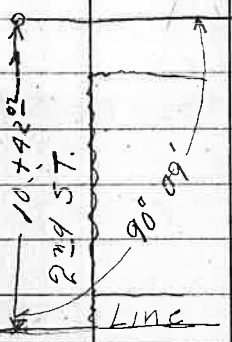
11 X SECTION. 2nd Street

Oakland Ore. Apr. 24 '14

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
										2.62 90° 09'
		438.11								
T.P.	6.35	444.44			0.02					
7+50					438.09					S. Prop. L. Pine
7+70										S. Curb " "
7+80										℄ " "
										B.M. on Pine & 2nd
					4.28					Intersect. hub,
					4.63					Check on Intersect
					440.16			Check on		hub First & Pine
T.P.	8.77	448.93			439.81		Apr. 25	1914		
9+90										N. Curb L. Pine St
8+10								Germond 1		N. Prop L Pine
								Smith 5 hrs		
7+20								Mahoney 6 "		
8+60										
9+10										
	10.19	458.63		0.49	448.44					

12 Cross SECTION. 2nd Street Oakland : Ore. Apr 25 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		458.63	452.1 452.1 451.7 451.1 452.3 452.3 452.6 452.2 450.5 453.4							
9+60			6.5 6.3 7.4 7.5 6.3 6.3 6.1 6.4 5.1 5.4 5.2							
			4.7 4.6.2 4.6.0 4.6.1 4.6.3 4.5.7.1 4.5.7.1 4.5.7.8 4.5.8.6							
10+10			1.2.4 2.6 2.5 2.3 1.5 1.5 0.8 0.0							S Prop L Cyprs
T.P.	752	465.70	457.7 457.8 458.3 459.7 459.3 459.9 459.9 460.0 460.7							
+30			8.0 7.9 7.4 7.0 6.4 5.8 5.8 5.7 5.0							S Curb Line "
			458.6 459.2 459.6 459.9 460.2 460.9 461.2 461.4 461.5							
+38			7.1 6.5 6.1 5.8 5.5 4.4 4.5 4.3 4.2							I note that sta. 10+41 falls 2' S. of Q. of Cypress St as given by the fence lines Therefore I make 10+42 Q hub of Cypress Street
			458.5 459.2 459.4 459.6 459.9 460.2 460.9 461.1 461.7							
+42			7.2 6.5 6.3 6.1 5.7 5.1 4.8 4.6 4.2							
			458.7 459.0 459.3 459.7 460.1 460.8 461.0 461.5 462.0							
+52	N.		7.0 6.7 6.4 6.0 5.6 4.9 4.7 4.2 3.7							Cypress N Curb Line of
Cypress										
N Prop										



13 Cross SECTION. Cypress St. Oakland, Or. Apr 25 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		465.70	463.5 463.2 462.6 461.9	461.8	461.0 460.3 459.7					
			22/30 31/20 38/10	39/00	47/10 54/20 63/30					
10+72										E. Prop L. of 2nd St
			464.8 464.3 463.2 462.6	462.2	461.7 460.9 460.6					
			09/10 14/24 25/20 32/10	35/00	40/10 48/20 51/30					
11+08										
			463.2 464.3 463.2 463.2	463.0	461.7 461.1 460.6					
			05/30 14/24 25/20 25/10	27/00	40/10 46/20 51/30					
+22										
T.P.	1023	475.86	466.6 465.4 464.9 464.4	463.2 0.07	463.9 462.9 462.9					
			9 3/30 15/24 11 10/20 10/10	10 7/00	12 0/10 13 4/15 13/20 13/30					
+72										
			465.4 464.4 466.6 467.8	467.7	467.1 466.3 465.9 465.9					
			6 5/30 7 5/24 8 3/18 8 1/10	8 2/00	8 8/10 9 6/15 10 0/20 10 0/30					
12+22										
			472.3 471.4 470.1 471.4	471.5	470.0 469.2 468.8					
			3 6/30 4 1/24 5 8/18 4 5/10	4 4/00	5 9/10 6 7/20 7 7/30					
+72										
			473.8 472.4 471.6 472.8	472.7	470.9 470.3 470.3					
			2 1/20 3 5/24 4 3/18 3 1/10	3 2/00	5 0/10 5 6/20 5 6/30					
+92										W prop L of 3rd
			475.2 474.2 472.7 473.7	474.0	471.9 471.4 470.8 470.5					
			0 7/30 1 7/24 3 2/17 2 2/10	1 9/00	4 0/10 4 5/15 5 1/20 5 4/30					
13+12										
			475.6 475.2 473.3 474.9	474.4 474.5	472.4 471.7 471.4 471.4					
			0 3/30 0 7/24 2 6/10 1 9/10 1 5/08	1 4/00	3 2/10 4 2/15 4 5/20 4 7/30					
+22										" " "
			476.7 475.7 474.5 474.9	475.0	473.1 472.4 472.0 471.9					
			0 8/30 0 3/24 1 4/16 1 0/10	0 9/00	2 8/10 3 3/15 3 9/20 4 1/30					
+32										
		478.4	475.4 475.1 475.7 476.2	476.7	474.1 473.4 473.1 473.0					
			2 3/30 0 0/24 0 8/16 0 2/10	0 3/05	0 8/00 1 8/10 2 5/15 2 9/20					
+62										E Prop Line 3rd

14

SECTION. Levels on Cypress ST, Oakland Or. Apr 25 '14

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		475.86								
B.M.				1.36	474.50					Intersect hub 3rd & Cypress
" "				3.92	471.94					
	11.88	486.38			474.50					On light pole S.W. of Int. hub 36 feet.
14 + 02				6.7	479.68					
+ 27				5.1	481.28					
+ 77				4.0	482.38					
15 + 02				3.8	482.58					
T.P.	844	492.70			2.12 484.26					
+ 52				8.2	484.50					
16 + 02				5.7	487.00					
+ 52				2.8	489.90					
+ 70				2.1	490.60					
17 + 02				3.3	489.40					Cut about 2'
+ 52				4.2	488.50					
18 + 02				3.7	489.60					Fill about 2'
+ 52				1.7	491.30					
										Grade from here on about 10% for 200'

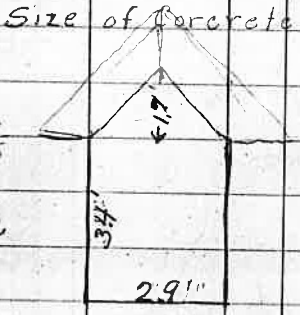
15 Cross **SECTION.** OF Oak Street Front to 2nd St.

Apr 25 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
						S	N			
0+30	4.75	431 38	426.9 45/30 46/20 43/15 42/10	427.3 41/60	427.2 42/10 427.3 41/15 41/20 42/30	42830	42830			E Prop of Front
1+80			426.3 426.3 426.5 426.9 51/30 51/20 49/15 45/10	427.3 41/60	426.8 45/10 426.5 47/15 426.3 51/20 426.8 49/30	429.13	428.66			
1+30			425.5 426.2 426.4 427.0 52/30 52/20 48/15 44/10	427.3 39/60	427.5 427.1 427.0 426.9 39/7 43/10 44/15 45/20 45/30	429.46	429.02			dirt 530.7 yds of dirt.
2+20			426.8 426.4 426.8 426.9 426.8 56/30 50/20 46/15 45/10 46/5	427.3 41/60	427.4 426.8 426.6 426.4 426.9 40/40 46/10 48/15 50/20 45/30	429.69	429.18			
2+00			426.6 426.9 427.1 426.9 427.0 48/30 45/20 43/15 42/10 44/5	427.6 38/60	427.7 427.4 427.1 427.1 427.4 32/6 40/10 43/15 43/20 40/30	429 98	429.53			
2+50			427.4 428.1 428.3 428.4 428.5 40/30 33/20 31/15 30/10 29/00	428.5	428.7 428.6 428.5 428.4 27/12 28/15 29/20 29/30	430 25	429 90			W Prop of 2nd St
				247	428.91					

Size of Concrete Culvert in 2nd ST.

Length 30'



3.4
2.9
306
68
9.86
2 46
12,32

29
17
203
29
2 443
246

16

SECTION.

STA.	ELEVA,	GRADE	CUT OR FILL LEFT C RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
			Preliminary Estimate of earthwork					
Front	Street	from	Locust to N. Side Cedar			11.00.4	2039.2	
Cedar	"	"	Front " Bridge			198.8	000.0	
2nd	"	"	Locust " N. Side Cypress			675.5	1615.8	
Cypress	"	"	2nd to 3			507.4	000.0	
						30.82.1	3654.0	

17

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
	Front Street Quantities		W.B. Mac		B. M.	✓	Cedar Street Quantities			
B. Macad		211.0.1 @	1.25		2637.63 ✓					
W.B. Macad		2016.0 "	1.90	✓	1834.56	W.B. Mac	350 90		315.00	
Concrete Curb		910.0' "	50		455.00 ✓					
Con Cir		31.4 "	60		18.84 ✓					
Sewer Pipe	6"	300.0 "	50		150.00 ✓		30 50		15.00	
" "	12"	30.0 "	1.00	✓	30.00					
Cut		1100.4 "	1.05 50		550.20		198.8 50		99.40	
Fill	867.9	2039.2	46. at 30		336.67					
4" tile		1000.0	.10		100.00					
Wood Curb	2"x8"	1570	02	✓	31.40		316 02		6.32	
" " Cu.	" "	9.4.2	03	✓	2.83				435.72	
Inlet		1			15.00 ✓					
					8162.13					
	Total of B.t. Par =		362134							
	" " W.B.		254276							
			616410							

18

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT
		Second Street Quantities			
B. Macad		3530.0 @ 1.25			4412.50
Con Curb		860 .50			430.00
" C Curb		314 .60			188.84
tile		800.0 .10 +.05			80.00
Earth Cut		675.5 .50			337.75
" Fill		1615.8 30 cy. for d/f			315.86
Wood Curb		1120 .02			22.40
Sewer Pipe 12"		60 1.00			60.00
Wood Cur Curb		486			14.58
					5691.93

AREAS EXCAVATION		Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
	Cypress St. Quantities				
B. Macad	6345 @	125		7931.5	
Tile	320.0 @	10		32.00	
Wood Curb	530.0 @	.02		10.60	
Cut Earth	5074 @	.50		253.70	
				1089.45	

6345
3530
41645
41261
350

19

SECTION. 4th ST West

STA.	ELEVA.	GRADE	CUT OR FILL. S. LEFT	C	RIGHT N	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
Yoncalla Street			Work	May 15 1914						
	5.86	380.86			375.00	Elev. assumed. B.M. on nail driven in Corrugated 2' Culvert. West end of Culvert.				
			374.7	372.6	374.9					
3+49			30 / 6.2	00 / 8.3	30 / 6.0					E. Line of Front ST
			375.1	375.3	375.6	Cen reading at bottom of mud in ditch				
3+16			30 / 5.8	00 / 5.6	30 / 5.9	" " on bridge				Cen " "
			373.9	373.0	374.2					
2+91			30 / 7.0	00 / 7.9	30 / 6.7	" " at bottom of mud in ditch				W. Line of
			378.6	374.6	374.6	Both sides read rather low in side ditches				F. ST
2+80			30 / 6.3	00 / 6.3	30 / 6.3					
			375.0	375.3	375.7					
2+30			30 / 5.9	00 / 5.6	30 / 5.2					
			375.4	375.7	376.5					
1+80			30 / 5.6	00 / 5.6	30 / 4.4					
			375.6	376.2	377.1					
1+30			30 / 5.7	00 / 4.8	30 / 3.5					
			376.5	374.6	377.6					
0+80			30 / 4.4	00 / 4.9	30 / 3.3					
			377.4	377.5	378.6					
0+30			30 / 3.0	00 / 3.0	30 / 2.3					E Prop Line A
			378.2	378.4	378.9					
0+66			30 / 2.7	00 / 2.3	30 / 1.0					Cen " "

20 792 / 448 / 5.47

SECTION. 4th ST. West

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	CUT OR FILL C	CUT OR FILL N RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		388.86	379.8	380.3	380.6					
T.P.	1079	389.16		2.49	378.37					T.P was on 421
0+30			30/94	00/89	30/86					W Line of A.
			383.8	385.0	385.1					
+80			30/57	00/42	30/41					
		395.6	388.3	389.2	389.8					
1 T.P	1035	396.59		0.92	388.24					
1+30			30/101	00/94	30/91					
			391.6	392.6	393.2					
+80			30/70	00/61	30/54					
			394.8	394.6	395.0					
2+30			30/46	00/40	30/36					
			396.4	396.9	397.0					
+90 44			30/22	00/17	30/16					E line of B.ST
			397.4	397.9	398.0					
3+20 44 = 0+00			30/12	00/07	30/06					Cen. of B ST
T.P on H.15	1074	408.69		0.64	397.95					

21

SECTION. 4th ST West

STA.	ELEVA,	GRADE	CUT OR FILL S LEFT	C	RIGHT N	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		Sat. May 16 1914								
		405.7 40869	399.0	399.2	399.0					
0+30			30/97	00/95	30/92					W. Prop L. B
			401.1	400.6	399.8					
+80			30/76	00/81	30/87					
			403.9	402.2	401.7					
1+30			30/58	00/65	30/70					
			406.6	405.9	405.2					
+80			30/21	00/28	30/35					
							Note a small ridge in center of Street			
							Let side lines govern grade mostly			
T.P.	11.50	419.75		0,44	408 25					
			411.8	410.6	410.8					
2+30			30/80	00/92	30/90					
			418.0	416.4	418.8					
+80			30/18	00/13	30/01					
	11 19	430 73		021	419.54					
			419.4	419.7	421.0					
+93			30/113	00/110	30/99					E. Prop L C

22

SECTION: C ST North of 4th

STA.	ELEVA,	GRADE	CUT OR FILL W LEFT	C	CUT OR FILL E RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		430.73	427.5	422.8	419.4					
0+30			30 / 3.2	00 / 7.9	30 / 11.3					S Prop of N St
			428.73	424.1	419.73					
0+00			30 / 2.0	00 / 6.6	60 / 11.0					Cen " 4th
			431.2	425.8	421.2					
0+30			(30 / -0.5)	00 / 4.9	30 / 9.7					N Prop " 4
			432.3	426.1	421.5					
0+80			(30 / -1.6)	00 / 4.6	30 / 9.2		Note Cen. Road 0.2 c in grade			
			431.5	425.9	421.8		Road 20' wide			
1+30			30 / 0.8	00 / 4.2	30 / 8.9					
			429.9	424.5	421.0					
T.P.	449	429.31		5.91	7.24 8.2					
1+55			(30 / -0.6)	00 / 4.8	30 / 7.7					
			428.1	423.7	420.9					
1+80			30 / 1.2	00 / 1.6	30 / 8.4					
			429.3	418.2	419.8					
2+30			30 / 6.0	00 / 11.1	30 / 11.4					
T.P.	310	419.31	418.9	413.1 13.10	411.5 416 2.1					
2+80			30 / 6.4	60 / 6.2	30 / 7.8					
			419.1	406	407.8					
3+31			30 / 6.2	30 / 10.7	30 / 11.5					
										E. Prop L 3

23

SECTION. 3rd ST. E.

STA.	ELEVA.	GRADE	W CUT OR FILL E — LEFT	C'	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		419.31	408.4	416.2	406.1					
T.P	3.15	410.62		11.84	407.47					
3+61 = 0+00			30/2.2	00/4.45	30/2.5					
			N	406.17	5					Cen of 3rd
0+00		X Sect. of 3rd	409.4	406.1	407.7					
0+30			30/6.2	00/4.5	30/2.9					
			403.2	403.8	405.6					E. Prop C. ST.
0+80			30/7.4	00/6.8	30/5.0					
			402.0	401.5	403.1					
1+30			30/8.6	00/8.2	30/7.5					
			400.6	400.4	401.3					
+80			30/10.8	00/10.2	30/9.3					
			399.1	398.2	399.5					
2+30			30/11.5	00/12.4	30/11.1					
T.P.	3.00	401.25		12.37	398.25					
			396.7	397.2	397.7					
2+92			30/4.5	00/4.0	30/3.6					
			395.2	395.6	396.7					W Prop of 13
3+22 = 0+00			30/6.2	00/5.7	30/4.6	498.71				
			394.2	395.3	394.8					Cen " "
+30			30/7.0	00/6.0	30/5.4					
										E Prop " "

24

SECTION. 3+24 ST E

STA.	ELEVA.	GRADE	CUT OR FILL 5 — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		401.25	N 393.5	392.5	S 392.4					
			30 / 88	00 / 88	30 / 89					
0+80			390.9	390.6	390.1					
			30 / 104	00 / 101	30 / 112					
1+30										
			388.8	389.9	387.6					
T.P.	0.16	389.77		11.64	389.61					
			30 / 10	30 / 04	30 / 12					
1+80			388.3	387.0	387.0					
			30 / 35	00 / 28	30 / 28					
2+30			384.0	384.1	384.3					
			30 / 58	00 / 57	30 / 55					
+91			384.9	383.8	383.8					W. Prop A
			30 / 49	00 h / 602	30 / 60	385.91				
3+21 = 0+00			384.2	383.7	382.5					Con A
			30 / 56	30 / 61	30 / 73					
0+30			385.3	382.9	381.9					E " "
			30 / 45	30 / 64	30 / 84					
+80			3835	381.4	80.7					
			30 / 60	30 / 84	30 / 91					
1+30			81.2	79.7	80.5					
			30 / 86	30 / 101	30 / 93					
+80										

25

SECTION. 3rd ST E

480.47

480 47
478 37
2.06

STA.	ELEVA.	GRADE	CUT OR FILL N LEFT	C	RIGHT S	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
T.P.		389.77	379.4	378.8	479.8					
	3.85	383.84		10.18	379.59					
2+30			30/4.0	46/	36/					
			378.1	378.7	378.1					
+91 6/			30/53	47/	30/53					W. Prop F ST
			879.1	79.1	78.7					
3+16 6/= 30+00			30/43	42/	37/47					Cen
			78.5	77.9	78.5					
+25			30/49	55/	30/49					
+55				47'						
				827	375 17					IH Cen R.R.
				238	381 06					Check on BM#1
	285	502.85			500.0					
				419	49566					
	158	500.29			49891					
	416	498.72		873	491 06					
				1121	480 42					
	582	480.82			47900					
				245	478 37					
	337									

26

SECTION. Front ST. N of 4th

STA.	ELEVA.	GRADE	CUT OR FILL N / LEFT	C	RIGHT E	AREAS: EXCAVATION	AREAS: Embankment	CUBIC YDS.: EXCAV.	CUBIC YDS.: EMBANK.	REMARKS
		481.1 ✓								
	607	481.07			475.00					
			474.3	475.5	477.7					
			30 / 65	30 / 56 ✓	30 / 64					
0+30										N. Prop of 4th
			475.3	476.5	475.2					
			30 / 58	30 / 46	30 / 59					
+80										
			476.7	476.1	475.7					
			30 / 44	30 / 40	30 / 54					
1+30										
			477.5	477.9	476.8					
			30 / 36	30 / 32	30 / 43					
+80										
			478.0	478.0	477.3					
			30 / 31	30 / 31	30 / 38					
2+30										
			479.3	478.2	477.0					
			30 / 28	30 / 29	30 / 41					
+80										
			478.1	478.6	478.4					
			30 / 30	30 / 25	30 / 27					
3+31										S Prop of 8th
		484.0 ✓			✓					
T.P.	548	483.96		0.09	480 98					
			478.0	479.0	478.5					
			30 / 6	30 / 50	30 / 55					
0+30										N " " 3rd
			478.1	479.2	477.2					
			30 / 59	30 / 48	30 / 68					
+80										

21

SECTION. Front St

STA.	ELEVA.	GRADE	CUT OR FILL W — LEFT	C	RIGHT — E	AREAS: EXCAVATION	AREAS: Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		484.0								
		48396	477.8	478.8	477.2					
1+30			30 / 6 2	00 / 5 2	30 / 6 8					
			479.4	479.2	477.2					
+80			30 / 4 6	00 / 4.8	31 / 6 8					
			481.1	479.3	477.8					
2+30			30 / 2 9	00 / 4 3	30 / 6 2					
		484.7		480.2	478.7					
	10.47	490.79		3.64	480.32					
+80			30 / 6 1	00 / 10 6	30 / 12 1					
			488.2	482.0	481.8					
3+31			30 / 2 6	00 / 8 8	30 / 9 0					S. Prop L Ap. A.
			486.1	485.3	484.7					
3+71.7 = 0+00			30 / 0 3	00 / 5 5	20 / 7 3 — 30 / 1 1					Cen of Ap av
			490.2	486.6	486.2					
+40			30 / 0 6	00 / 4 2	20 / 5 2 — 30 / 4 6					N Prop " "
				386 6						

28

SECTION. Applegate Ave

260
25

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	C	RIGHT N	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		490.79								
			498.2	490.1	490.2					
0+25			30 2.6	07	30 04					W. Prop of F ST
			391.3	392.0	394.9					
T.P.	11.06	401.20		0.65	394.14					
+50			40 49	00 9.2	40 6.2					
			394.7	395.5	398.7					
+75			40 6.5	00 5.7	40 2.5					
		407.5	398.3	394.2	401.8					
T.P.	7.00	407.89		.031	400.89					
1+00			30 9.6	00 8.7	40 6.1					
			401.7	401.2	403.1					
+25			40 6.2	00 6.7	40 4.8					
			403.9	403.3	404.4					
+50			40 4.0	00 4.6	40 3.5					
			405.8	404.0	403.7					
+75			40 2.1	00 3.9	40 4.2					
2+25			40 0.6 407.3	00 4.0 403.9	40 4.9 403.0					
+75			40 1.7 406.2	00 5.9 402.0	40 6.2 399.7					
+87.5			40 4.6 403.3	00 6.7 401.2	40 9.2 398.7					
3+00			40 6.4 401.5	00 9.29 398.60	40 11.4 396.5					E. Prop of A T Cen

29

SECTION. Applegate Ave.

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	CUT OR FILL C	CUT OR FILL N RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	3,38	401.98			398 60					
			401 3	398.2	396.9					
0+30			40 02	00 38	40 60					W. Prop of A. St.
			398.4	396.3	394.6					
+80			40 36	00 52	40 74					
			396	395.1	394.9					
1+30			40 54	00 69	40 80					
			395.6	393.9	392.9					
+80			40 64	00 81	40 100					
			394.8	392.9	391.9					
2+30			40 72	00 91	40 101					
			394.6	394.0	392.3					
+91			40 74	00 80	40 97					
			394.9	393.9	393.8					
3+21=0+00			40 71	00 86	393.35 40 62					Cen of B
			396.0	394.8	393.7					
+30			40 60	00 72	40 83					W. Prop line "B"
			397.7	396.3	394.9					
+80			40 43	00 57	40 71					
	8.35	404.66		5.67	396.31					

30

SECTION. Applegate Ave.

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	CUT OR FILL C	CUT OR FILL N RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		404.66	397.5	397.4	396.2					
			40 / 72	00 / 73	40 / 65					
1+30			396.5	397.6	397.2					
			40 / 82	00 / 71	40 / 75					
+80			398.3	398.0	397.4					
			40 / 64	00 / 67	40 / 73					
2+30			401.1	399.8	398.4					
			40 / 36	00 / 49	40 / 63					
1+92			402.6	401.30	400.5					E Prop L. C
			40 / 21	00 / 336	40 / 42					
3+22 = 0+00			403.2	401.3	400.9					Cen C. ST.
			40 / 15	00 / 34	40 / 38					
0+30			403.2	402.2	403.0					W. Prop L. C.
			40 / 15	00 / 25	40 / 17					
+80				404.5	406.6					
		415.9 ✓	403.5							
T.P.	1147	415.87		02	407 40 ✓					
			40 / 129	00 / 114	40 / 93					
1+30			405.5	407.8	411.6					
			40 / 104	00 / 81	40 / 43					
+80			407.4	411.8	413.7					
			40 / 85	00 / 41	40 / 21					
2+30										

31

SECTION. of D Street

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	CUT OR FILL C	CUT OR FILL N RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		415.87								
BT P.I.	7.05	422.14	412.2	0.78 / 419.9	415.09 / 416.3					
2+90.7			99	72	58					E prop of D
3+20.7 = 0+00			413.2 / 89	415.37 / 657	416.35 / 56					Cen of D ST
0+00			415.5 / 66	418.3 / 38	419.0 / 31		W is in road bed leading over to Hayhurst			W. prop of D
		X Section of D Street	W		E					
			419.0	416.4	416.2					
0+30			31	57	59					Prop N. Line of Ap
			419.2	417.7	416.9					
+80			29	41	52					
			420.2	418.1	417.7					
1+30			19	40	45					
			422.4	419.3	419.2					
+80			03	28	29					
		427.6								
T.P.	597	427.58		0.63	421.61					
			424.3	421.5	421.8					
2+30			33	61	58					

32

SECTION. Second ST

STA.	ELEVA,	GRADE	W CUT OR FILL E			AREAS		CUBIC YDS.		REMARKS
			LEFT	C	RIGHT	EXCAVATION	Embankment	EXCAV.	EMBANK.	
		427.6	426.3	424.1	425.0					
		427.58								
2+80			30/13	00/35	30/26					
			426.7	425.3	425.4					
3+31			30/09	00/23	30/22					
			425.2	424.6	424.1					S. Prop 2nd ST
3+51 = 0+00			30/24	00/33	30/35					
			423.1	422.4	422.7					Cen. " "
0+30			30/45	00/52	30/49					N. Prop " "
	X Section 2nd Street									
			N		S					
0+30			427.7 30/49	424.2 00/34	425.4 30/22					
			421.8	423.2	423.8					E. Prop Line D
+80			30/35	00/44	30/36					
			420.2	422.4	422.4					
1+30			30/74	00/52	30/52					
			419.2	421.0	420.1					
+80			30/84	00/62	30/75					
			418.0	418.4	416.6					
2+30			30/96	00/92	30/11					
				418						
		+7		9.6						

on School house walk near step

33 SECTION. Second St

STA.	ELEVA.	GRADE	CUT OR FILL N / LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		427 58	416.6	414.9	414.3					
2+80 1			30/11	00/12 7	30/13 3					
		416.5								W. Prop of C ST
T.P. 1	135	416 48		12.45	415.13					
3+20 7 = 0+00			30/09 416.6	00/28 413.7	30/33 413.2					
			414.0	413.2	412.1					Cen of C. ST
0+30			30/25	00/33	30/44					
			412.4	409.4	408.4					
+80			30/41	00/71	30/81					
			409.4	407.0	406.5					
1+30			30/71	00/95	30/110					
			407.4	404.3	403.3					
+80			30/91	00/12=	30/132					
2 T.P	164	406 02		12.10	404 38					
			405.1	401.4	400.9					
2+30			30/09	00/46	30/51					
			401.2	398.2	398.2					
+91 6			30/48	00/78	30/86					
			398.9	397.0	396.7					W. Prop B
3+21 6 = 0+00			30/17	00/960	30/93	153	398.53		397 80	Cen "
			397.2	392.2	395.2				393 +0	
1+30			30/48	00/96	30/100					E " "

34

SECTION. Second Street

STA.	ELEVA.	GRADE	N CUT OR FILL S — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		406.02								
TP	04 3	396.54	394.4	392.6	392.5					
			9.91		396.11					
0+80			30 / 21	00 / 3.9	30 / 4.0					
			391.4	389.3	389.5					
1+30			30 / 5.1	00 / 7.2	30 / 7.0					
			388.8	387.1	386.7					
+80			30 / 7.2	00 / 9.4	30 / 9.8					
			386.7	384.9	385.3					
2+30			30 / 9.8	00 / 11.6	30 / 11.2					
			388.2	383.8	383.1					
+91.63			30 / 13.3	00 / 12.7	30 / 13.4					
										W. Prop A ST
T.P.	1.56	385.58		12.52	384.02					
			382.6	385.58 / 0.00	383.5					Stone
3+21.63 = 0+00			30 / 3.0	00 / 3.05 382.6	30 / 2.1		N edge of concrete slope out of Sta.			
			381.80	382.3	381.9					Cen of A ST
0+30		on curve	30 / 3.78	00 / 3.3	30 / 3.7					
			381.21	379.63 / 382.15	343					E Prop " "
+80		on Curve	30 / 4.37	gutter 5.45 / 00 / 4.9	380.7 / 30 / 4.3		In doorway Beckley Bros on Concrete			Highest pt of Concrete
			380.33	371.0 / 379.9	381.3 / 380.1					
1+30		on Concrete	30 / 5.26	gutter 6.6 / 00 / 8.7	30 / 6.5					

35

SECTION. Second & Front Sts,

STA.	ELEVA,	GRADE	CUT OR FILL 5 — LEFT			C		RIGHT		AREAS — EXCAVATION		Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		385.56	379.94		378.5	378.9			379.8						
		⊙ Corn in		30	gutter	ov			30						
1+80		front of		51.4	7.1	6.7			35.8	Storns Brick or Casey's Store					
			379.4	378.3		78.3			78.6						
			W 30	30		ov			30						
2+30			8.2	7.3		7.3			7.0						
			78.3			78.4			79.3						
			30			ov			30						
2+83			7.3			7.2			6.3						W. Prop of F
		385.5													
T.P.	701	385.47				7.12		378	46						
			378.1			379.24			379.7						
3+23 =			30			ov			30						
2+00			7.4			6.23			5.8						C.en of F
			377.4			379.4			379.9						
			30			ov			30						
0+30			8.1			6.1			5.6						E Prop of F
			E						W						
		X Sect	of	Front				South							
			E			379.7			379.4						
			30	379.9		ov			30						
6+30			5.6			5.8			6.1						
			380.7			380.4			380.2						
			30			ov			30						
+80			4.8			5.1			5.3						
			381.6			381.4			382.1						
			30			ov			30						
1+30			3.9			4.2			3.4						
T.P.	690	391.47				0.50		394	97						

36

SECTION.

STA.	ELEVA.	GRADE	E CUT OR FILL W LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		391.4	383.3	383.0	382.7					
		391.87	30/86	07/84	30/52					
1+80			385.9	386.0	389.7					
			30/61	07/59	30/12					
2+30			382.3	382.7	390.7					
			30/56	07/52	30/15					
+80			385.9	382.7	90.5					
			30/60	07/52	30/14					
3+31.7				386.7						
	Front ST. North from 2nd ST									
	134	380.58			379.24					
			377.2	378.3	378.4					on fill on C-2 T
			30/34	07/23	30/22					A-2 line
0+30			375.8	377.4	476.2					
			30/48	07/32	30/44					K. Prop Line 2
+80			875.3	377.1	375.2					
			30/53	07/30	34/54					
1+30			374.8	376.6	376.3					
			30/58	07/40	30/43					
1+80			374.2	376.2	375.1					
			30/64	07/44	30/55					
2+30										

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SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL E — LEFT	C	RIGHT — W	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		380.6	373.8	375.7	375.0					
		38058								
2+80			30/68	00/49	30/56					
			373.4	375.9	374.2					
3+30			30/72	00/47	31/64					
			373.3	375.81	374.6					S. Prop of 1st ST.
+45			30/73	00/477	30/60					
			373.9	375.5	374.4					Cen " "
+60			30/67	30/51	30/62					
				81.5	371.93					N Prop " "
			S		N	Bot of W end of RR Culvert at sta 3+60				
		X sect. of First ST								
	510	380 91	374.4	374.4	374.8					
					375.81					
0+25			15/65	00/65	15/61					
			374.7	374.9	375.0					W. Prop of E
+75			15/62	00/60	15/59					
			375.5	375.3	375.4					
1+25			15/54	00/56	15/55					
			375.5	375.7	375.8					
+75			15/54	00/52	15/51					
			376.6	376.5	376.5					
2+25			15/43	00/44	15/47					

38 X SECTION. of First Street

STA.	ELEVA.	GRADE	CUT OR FILL 5 LEFT	C	RIGHT N	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		380.81	379.3	379.3	378.5					
			15/16	00/26	15/24					
2+75			380.2	379.0	379.6					
			15/07	00/19	15/13					
2+88										E. Prop of A. ST.
3T.P.	8.38	387.40		189	378.02					
			382.8	381.25	381.8					
3+18			15/46	00/6.15	15/52					Cen. of A. ST.
			May 18 1914							
820 F.N.										
	1257	393.82	385.2	384.8	383.0					
			15/86	00/95	381.25	Geo Harshbarger				
6+80			386.6	386.8	15/10.0	Tom Howard				W. Prop A ST.
					386.7	M. B Germond				
+80			15/5.2	00/7.0	15/7.1					
			391.9	389.5	389.7					
1+30			15/1.9	00/4.3	15/4.1					
			394.4	392.4	392.4					
+80			15/-0.6	00/1.4	00/1.4					
2 T.P.	1043	403.84		041	393.71					

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SECTION. First Street

STA.	ELEVA.	GRADE	CUT OR FILL S LEFT	CUT OR FILL C	CUT OR FILL N RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		403.84	396.6	394.9	394.7					
2+30			15/72	00/89	15/91					
			397.7	397.1	396.6					
+90			15/61	00/67	15/72					E. Prop of B
			398.2	397.43	397.0					
3+20 = 0+00			15/52	00/641	15/68					Cen " B
			399.0	397.7	397.4					
6+30			15/48	00/61	15/64					W Prop " "
			399.4	398.7	397.8					
+80			15/44	00/51	15/60					
			401.2	400.4	399.3					
1+30			15/26	00/34	15/45					
			403.1	402.2	400.9					
+80			15/07	00/16	15/29					
			404.4	402.8	401.9					
2+30			15/05	00/10	15/19					
			403.0	402.0	401.3					
+90			15/00	00/16	15/25					E. Prop of C
T.P h	4.31	406.31		1.84	402 00					
			402.6	402.0	401.5					
0+00 = 3+20			15/37	00/43	15/48					Cen " C

40

SECTION. First Street

STA.	ELEVA.	GRADE	CUT OR FILL S / N — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		401.81								
			402.9 / 30 / 34	401.4 / 00 / 4.4	401.2 / 15 / 5.1					
0+30										W. Prop of C
			402.3 / 30 / 4.0	401.6 / 00 / 4.7	401.2 / 15 / 5.1					
+80										
			402.6 / 30 / 3.7	401.6 / 00 / 4.7	401.1 / 15 / 5.2					
1+30										
			402.2 / 15 / 4.1	401.3 / 00 / 5.0	400.9 / 15 / 5.4					
+80										
			401.5 / 15 / 4.8	401.0 / 00 / 5.3	400.6 / 15 / 5.7					
2+30										
			401.6 / 15 / 4.8	400.9 / 00 / 5.4	400.0 / 15 / 6.3					
+90										E. Prop of D
3+20=			401.0 / 15 / 5.3	400.62 / 00 / 5.69	399.4 / 15 / 6.1					
0+60										Cen " D
			400.3 / 15 / 6.2	399.8 / 00 / 6.5	399.0 / 15 / 7.3					
6+30										W Prop " D

41 SECTION. of D Street N of 2nd

STA.	ELEVA.	GRADE	CUT OR FILL E — LEFT	C	RIGHT — W	AREAS: EXCAVATION	AREAS: Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
TP	1075	421.37	401.5	401.1	400.9 / 400 6					
0+15			30 / 19	10 3	30 / 11 5					S. Prop of 1st
			4046	403.6	403.9					
+65			30 / 68	30 / 78	30 / 80					
			407.1	406.2	406.4					
1+15			30 / 43	00 / 52	30 / 50					
			411.0	409 3	409.5					
+65			30 / 04	30 / 21	30 / 17					
T.P.	1019	421 03	415.1	413.6 / 0.43	414.0 / 410.94					
2+15			30 / 60	30 / 73	30 / 71					
			418.9	417.6	418.2					
+65			30 / 37	30 / 35	30 / 21					
T.P	649	427.20		6 42	420 71					
			422.8	422.6	423.6					
3+15			30 / 44	30 / 46	30 / 36					N. Prop of 2nd

42

SECTION. of "D" St. South of Ap. Ave.

STA.	ELEVA.	GRADE	E CUT OR FILL W			AREAS		CUBIC YDS.		REMARKS
			LEFT	C	RIGHT	EXCAVATION	Embankment	EXCAV.	EMBANK.	
	775	42332	412.3	413.0	415.6 / 415.57					
0+40			30 / 11.0	00 / 10.3	30 / 7.7					S. Prop of Ap
			409.3	411.2	410.4					
1+70			30 / 14.0	00 / 12.1	30 / 12.9					Gulch
			410.3	411.4	410.6					
0+90			30 / 13.0	00 / 11.9	30 / 12.7					
			414.7	414.3	415.8					
1+40			30 / 8.6	00 / 9.0	30 / 7.5					
			417.5	418.2	419.3					
1+90			30 / 5.8	00 / 8.1	30 / 4.0					
			419.3	420.0	421.3					
2+40			30 / 4.0	00 / 3.0	30 / 2.0					
			420.6	421.1	422.1					
2+90			30 / 2.7	00 / 2.2	30 / 1.2					
			421.1	421.8	423.1					
3+41			30 / 2.2	00 / 1.5	30 / 0.2					N. Prop of 3rd
			421.2	422.15	423.3					
3+71 = 0+00			30 / 2.1	00 / 1.17	30 / 00					Cen " 3rd
			421.1	422.1	423.4					
0+30			30 / 2.2	00 / 0.9	30 / -0.1					S. Prop " 3rd

43

SECTION. of 3rd W. of 2nd

STA.	ELEVA.	GRADE	CUT OR FILL N LEFT	C	RIGHT S	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
			420.9	421.1	421.1					
	1.95	424.10	30/32	00/30	422.15 / 30/30					E. Prop of D
0+30			418.7	418.5	419.5					
			30/51	00/56	30/46					
1+80			415.1	415.7	417.9					
			30/90	00/84	30/67					
1+30			412.6	419.8	417.4					
			30/115	00/93	30/69					
1+80			411.1	413.1	416.0					
			30/140	00/110	80/81					
2+30										
	2.96	414.88		12.14	411.92					
			406.0	409.0	413.2					
			30/89	00/59	30/17					
2+90										
			W		E					
Cen of 3-C hub				8.59	406.29					
	W	X Section of C	406.3	405.1	N of 3rd 404.6 E					
J.P.	4.45	410.74			406.29					
0+37			30/74	00/54	30/41					N. Prop of 3rd
			404.2	404.1	400.8					
6+80			30/60	00/61	30/49					Gr.

44

SECTION. of C S t.

STA.	ELEVA,	GRADE	W CUT OR FILL E — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		410.74	408.2	405.1	403.2					
1+30			30 / 25	00 / 5.6	30 / 70					
			408.9	406.1	404.9					
1+80			30 / 18	00 / 4.0	30 / 58					
			409.2	407.2	405.1					
2+30			30 / 13	00 / 3.5	30 / 2.6					
			408.1	406.1	404.1					
+80			30 / 2.6	00 / 4.6	30 / 1.6					
			402.2	402.6	401.1					
2+30			30 / 1.2	00 / 8.1	30 / 9.6					S. Prop of Alp
			401.3	401.34	399.7					
3+01.5			30 / 9.4	9.36	3 / 11.2					Cen
			400.8	400.6	398.6					
0+40			30 / 9.1	00 / 10.1	30 / 12.1					N
			400.8	401.5	399.9					
+90			30 / 6.4	00 / 9.2	30 / 11.5					
			406.8	403.7	402.5					
1+40			30 / 3.9	00 / 7.0	30 / 6.2					
			409.0	406.5	406.2					
+90			30 / 1.7	00 / 4.2	30 / 4.5					
TP	1054	419.06		2.22	408 52					

45

SECTION. 4 C ST

STA.	ELEVA,	GRADE	W CUT OR FILL E — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		419.1	411.2	409.3	408.5					
		419.06								
2+40			30/79	00/98	30/106					
			413.1	411.0	410.1					
+90			30/60	00/81	30/92					
			411.6	413.2	414.5					
3+41.7			30/76	00/54	30/46					S. Prop of 2nd
			415.2	413.7	413.2					
3+71.7 = 0+00			30/34	00/54	30/59					Cen " "
			416.4	415.6	414.7					
6+30			30/23	00/35	30/44					N Prop of "
			417.9	416.2	416.8					
+80			30/12	00/29	30/33					
			416.4	415.0	415.0					
1+30			30/22	00/41	30/41					
			413.8	412.6	413.6					
+80			30/53	00/65	30/55					
			410.0	408.7	410.5					
2+30			30/91	00/104	30/86					
			404.6	404.9	406.6					
+80			30/135	00/142	30/125					
		401.96	403.0	402.8	406.9					
	295	409.70 409.66		12.35	406.71					
2+30			30/69		30/76					

46 397.02

SECTION. of B. St. S. from 1st

STA.	ELEVA,	GRADE	E CUT OR FILL W LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		407.8	397.6	397.9	399.0					
	1043	407.76			397.38					
0+30			30/10.2	00/9.9	30/8.8					B. Prop of 1st
			401.0	401.5	402.4					
+80			30/6.5	00/6.3	30/5.4					
			402.8	403.3	404.6					
1+30			30/5.0	00/4.8	30/3.2					
			403.4	403.5	406.1					
+80			30/4.1	00/4.3	30/1.7					
			402.4	403.3	407.1					
2+30			30/5.4	00/4.5	30/0.7					
			399.6	401.9	404.8					
+80			30/8.2	00/5.9	30/3.0					
			397.3	398.7	401.9					
3+30			30/10.5	00/9.1	30/5.9					N. Prop of 2
	149	398.51			397.02					
			399.9	396.1 0.3	398.5					
0+30	111		30/3.4	00/1.8	30/0.0					S " " 2nd
			393.9	395.6	396.6					
+80			30/4.7	00/2.9	30/1.9					
			392.4	394.6	395.0					
1+30			30/5.1	00/3.9 2.1	30/3.2					

47

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL E LEFT			C			RIGHT W			AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		394 51	392.2			394.0			393.9							
1 + 80			30 / 6.3			30 / 4.5			30 / 4.6							
			392.4		1	393.8			394.2							
2 + 30			30 / 6.1			30 / 4.7		.08	30 / 4.3							
			391.9			393.4			393.8							
+ 80			30 / 6.6			30 / 5.1			30 / 4.7							
			392.3			393.5			393.2							
3 + 31.7			30 / 6.2			30 / 5.0		.03	30 / 3.3							N. Prop of Ap
3 + 71.7 = 0 + 00	7.45	400.90				5.06			393 45							Cen of "
			394.8			394.9		.14	396.1							
0 + 40			30 / 6.1			30 / 6.0			30 / 4.8							S Prop of "
			394.6			394.4			396.3							
+ 90			30 / 6.3			30 / 6.5			30 / 4.6							
			392.4			393.6		.18	392.5							
1 + 40			30 / 8.5			30 / 7.3			30 / 8.4							gulch
			390.0			393.1			391.9							
+ 90			30 / 10.4			30 / 7.8			30 / 9.0							"
			393.1			393.0			389.5							
2 + 40			30 / 7.8			30 / 7.9		.026	30 / 11.4							

48

SECTION.

STA.	ELEVA,	GRADE	CUT OR FILL E / W — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		400 90	391.8	394.1	395.2					
2 + 90			50 / 61	60 / 68	30 / 57					
			394.4	395.2	396.7					
3 + 41			30 / 65	60 / 57	30 / 42					
			397.4	395.8	395.3					
3 + 71 = 0 + 10			31 / 35	60 / 309	30 / 56					
			395.1	396.8	397.7					
0 + 30			30 / 58	60 / 41	30 / 32					
			393.4	395.8	396.9					
+ 80			30 / 75	60 / 51	30 / 40					
			392.7	395.8	395.9					
1 + 30			30 / 82	60 / 51	30 / 50					
			393.4	396.4	397.1					
+ 80			30 / 75	60 / 45	30 / 38					
			394.8	396.7	396.6					
2 + 30			30 / 61	60 / 42	30 / 43					
			396.1	397.5	397.1					
+ 80			30 / 48	60 / 34	30 / 38					
			397.5	398.2	399.2					
3 + 31			30 / 34	60 / 27	30 / 17					
			397.3	398.8	399.4					
3 + 60			30 / 36	60 / 273	30 / 12					

49

X SECTION. A ST N. From 4th

STA.	ELEVA.	GRADE	W CUT OR FILL E — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
			380.7	378.9	378.5					
	8.73	387.80			378.37					
0+30			30/64	00/8	30/86					℄ Prop of 4th
			381.8	379.8	379.4					
0+80			30/53	00/73	30/77					
			382.5	380.8	380.2					
1+30			30/46	00/63	30/69					35 15 280
			383.5	382.1	381.3					
1+80			30/56	00/50	30/58					28 70 190 196 200
			384.1	382.7	382.0					
2+30			30/31	00/44	30/51					
			383.7	383.8 gulch	381.8					
2+80			30/34	00/38	30/43					
			384.2	383.7	382.5					
3+31			30/29	00/39	30/46					℄ Prop of 3
			384.0	38366	383.6					
3+61= 0+00			30/31	00/344	30/36					Cen " 3
			384.0	384.4	384.3					
0+30			30/31	00/23	30/28					N Prop of 3
FP	10.21	396.92		839	386.71					

60

SECTION. of A ST.

STA.	ELEVA.	GRADE	W CUT OR FILL E — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		396.92	392.7	388.1	385.7					
6+80			30 / 10.2	00 / 8.8	30 / 8.2					
			391.6	392.0	391.6					
1+30			30 / 5.3	00 / 4.9	30 / 5.3					
			396.4	396.3	396.1					
+80			30 / 0.5	00 / 0.6	30 / 0.8					
T.P.	965	406.29		028	396.64					
			401.6	401.2	401.1					
2+30			30 / 4.7	00 / 5.1	30 / 5.2					
			403.3	402.8	402.5					
+80			30 / 3.0	00 / 3.5	30 / 3.6	39 / 08	Sub			
			401.2	401.5	403.6					
3+31			30 / 5.1	00 / 4.8	30 / 2.1	09	Sub			
			397.8	49864	401.2					S. Prop Ap
6+60 +71			30 / 6.5	7.75	30 / 5.1					
			395.2	397.5	396.5					Cen of Ap
0+90			30 / 11.0	00 / 8.8	30 / 7.8					
					3948					N Prop Ap
T.P.	0.62	394.76	392.4	392.7 1235	393 84					
+90			30 / 4.2	00 / 2.1	30 / 0.0					

60

SECTION. of A ST.

STA.	ELEVA.	GRADE	W CUT OR FILL E — LEFT	C	RIGHT	AREAS — EXCAVATION	AREAS — Embankment	CUBIC YDS. — EXCAV.	CUBIC YDS. — EMBANK.	REMARKS
		396.92	392.7	388.1	388.7					
6+80			30 / 10	08 / 8	30 / 62					
			391.6	392.0	391.6					
1+30			30 / 53	00 / 49	30 / 03					
			396.4	396.3	396.1					
+80			30 / 05	00 / 06	30 / 08					
T.P.	965	406.29		028	396.64					
			401.6	401.2	401.1					
2+30			30 / 47	00 / 51	30 / 52					
			403.3	402.6	402.5					
+80			30 / 30	00 / 35	30 / 36	30 / 08	Sub			
			401.2	401.5	403.6					
3+31			30 / 51	00 / 48	30 / 27	09	sub			
			397.8	99164	401.2					S. Prop Ap
6+60 +71			30 / 65	7.76	30 / 51					
			395.2	397.2	398.5					Cen of Ap
0+90			90 / 11.0	00 / 88	30 / 78					
					394.8					N Prop Ap
T.P.	0.42	394.76	392.4	392.9 1235	393 84					
+90			394 / 2	00 / 21	30 / 00					

51

SECTION. A. ST.

STA.	ELEVA.	GRADE	CUT OR FILL W LEFT	C	RIGHT E	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		394.8 394.71	389.9	389.8	391.8					
1+40			30/4.9	60/5.0	30/3.0				1	
			387.6	387.3	388.2					
+90			30/7.2	60/7.5	30/6.6	(30/31) Barn door	3896			
			385.8	385.5	385.8					
2+40			30/9.0	60/9.3	30/9.0					
			384.6	384.8	383.9					
+90			30/10.2	60/10.2	30/10.9					
			383.2	383.2	382.5					
3+41.7			30/11.6	60/11.6	30/12.3					
T.P.	5.75	388.89	483.5	482.9 11.62	383.04 382.1					
3+71.7 = 6+60			30/5.4	60/6.2	30/6.8					
			383.1	382.4	381.6					
+30			30/3.8	60/6.5	30/7.3					
			384.1	382.4	381.4					
+80			30/4.8	60/6.5	30/7.5					
				382.03						
			384.5	383.3 6.86 60	380.8	on door sill ever Creek lined.				
1+30			30/4.4	60/6.6	30/8.1					

52

SECTION. "A" ST

STA.	ELEVA.	GRADE	CUT OR FILL W LEFT	C	RIGHT E	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		488.89	486.1	482.3	480.0					
1+80			30/28	00/66	30/89					
			487.2	482.9	479.8					
2+30			30/17	00/60	30/91					
			486.3	482.6	479.8					
+80			30/26	00/63	30/91					
			485.6	482.5	479.9					
3+30			30/32	00/64	39/90					
0+00				4	480.05					
+45				784						

53

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
B.M.	6,567	381.867			375.000	B.M. on W end of R.R.		Culvert in Fourth St		
T.P.	5,280	387.364		2733	379.134	on rock				
T.P.	7.431	388.560		0235	384.129	" "	"			
	5.105	383.965		9700	378.870	on hydrant	N.W. Cor	Front & 2nd		
	6,360	388.236		2089	381.876	" "	N E "	2nd & A		
				2122	381.114	on S.F.C. Building		set for B.M.		
	11.300	397.356		2180	386.056	" S.F.C.	"		set for T.P.	
	12.376	409.514		0218	397.138	on Rock				
	11.023	419.357		1180	408.334	on stake				
				1370	417.987	on school house Stoop		South Door		
	1.91	399.05			397.14					
				573	393.32					
	62692			19805						
	19713									
	42.979									
	375									
	417.967									

54

SECTION.

+59
37.7
43

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	Grades for Bill Ambrose									
	Gr		Ground							
0+30	412.31	412.14	412.94	+ .80		E. prop of C & T.		Prop Grade		
+70	410.17	410.00	409.74	- .26						
1+05	408.30	408.13	407.48	- .65						
1+50 65	405.85	405.68 (5.35)	404.97	- .71						
2+91 3	398.31									
	5.07	413.40			408.33					
0+30				0.46	412.94					
+70				3.66	409.74					
1+05				5.92	407.48					
1+50 65				8.43	404.97					
	B.S.	H.I.		F.S.						
B.M.	9.42	428.42			428.00	Cent. B.M. Near depot				
T.P.	0.96	436.68		2.70	435.72	On End of Curb East side of		2nd St		

55 Locust to Oak sts.

Levels For West side of 2nd St.

SECTION.

June 27th 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT
	B.S	H.I. 436.68		F.S	
0+00	- 0.28	436.40	435.80	+ 0.60	+ 0' 7 1/4"
0+30	- 0.41	436.27	435.05	+ 1.22	+ 1' 2 3/8"
0+60	- 0.60	436.08	434.30	+ 1.78	+ 1' 9 3/8"
0+90	- 2.70	433.98	433.55	+ 0.43	+ 0' 4 7/8"
1+20	- 5.60	431.08	432.80	- 1.72	- 1' 8 5/8"
T.P. B.S. +3.69		434.22		- 6.15	(430.07)
1+50	+6.15	430.53	432.05	- 1.52	- 1' 6 1/4"
1+80	- 4.47	429.75	431.30	- 1.55	- 1' 6 5/8"
2+00	- 4.99	429.23	430.80	- 1.57	= 1' 6 7/8"
2+09	- 5.42	428.80	430.60 - 1.80 430.47 - 1.67		E. - 1' 9 5/8" N. - 1' 8"
2+30					S - 1' 9 3/8"
2+51	- 6.19	428.03	429.81 - 1.78 429.68 - 1.65		E - 1' 7 3/4"
2+60 0+00	- 6.34	427.88	429.47	- 1.59	- 1' 7 1/8"
	- 5.27				(428.95)
0+30	- 6.67	427.55	428.90	- 1.35	- 1' 4 1/4"
0+60	- 7.65	426.57	428.33	- 1.76	- 1' 9 1/8"
T.P.	+3.33	429.90		- 7.65	426.57
0+90	- 3.41	426.49	427.76	- 1.27	- 1' 3 1/4"
1+20	- 2.88	427.02	427.17	- 0.17	- 0' 2 1/8"
1+50	- 4.46	425.44	426.62	- 1.18	- 1' 2 1/4"
1+80	- 5.56	424.34	426.05	- 1.71	- 1' 8 1/2"

AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
North line of Locust st				
6.77	434.65			427.88
6.45	428.20	E 429.67 S 429.83	- 1.47 - 1.63	
6.62	428.03	429.90 E 430.55	- 1.87 - .50	Return E on N
4.60	430.05	N 430.35	- 30	
5.56	429.09	430.25	- 1.26	Ret E on S.
5.42	429.23			
S. Property line of Oak St				
Round Corner on South side of Oak St				
to Oak st.				
Round Corner on North side of Oak St.				
North property of Oak st.				
B.M. on tele Pole, on N side of Oak st.				

56 Curb Grades on West side of 2nd St

SECTION. June 27th 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	B.S. 41.5	Hi 429.90		F.S.						
2+00	-7.45	422.45	425.67	3.22	- 3' 2 5/8"	South Prop Ash St.				
2+15	-7.18	422.72								
2+30	-7.21	422.69	425.80	3.11	- 3' 1 5/8"					
(2+90 S 0+00	-6.95	422.95	427.58	4.63	- 4' 7 5/8"	N. Prop of Ash St.	Stake 26' out.			
T.P.	+11.94	434.89		-6.95-	422.95					
0+20	(10.24) -11.74	(424.15) 423.15	428.58	(4.43) 5.43	correct 4' 5 1/8" - 5' 5/8"	ST Int. East				
0+40	-8.43	426.46	429.58	- 3.12	- 3' 1 1/2"	1.85	443.61			442.56
0+60	-6.15	428.74	430.58	- 1.84	- 1' 10 1/8"	2+40 2.40	441.21	439.08	+ 2.13	W
0+80	-5.20	429.69	431.58	- 1.89	- 1' 10 3/4"	3.97	439.64	438.08	1.56	W
1+00 T.P.	-2.72	432.17	432.58	-0.41	- 0' 4 7/8"	5.01	438.60	437.58		
1+20	-1.40	433.49	433.58	-0.09	- 0' 1 1/8"					
B.S.	+9.56	443.05		-1.40	433.49	7.84	430.29			422.45
1+40	-8.52	434.53	434.58	-0.05	- 0' 0 5/8"	0+15 4.11	426.18	425.36	.82	
1+60	-7.19	435.86	435.58	+0.28	+ 0' 3 3/8"	0+30 4.30	425.99	425.73	+ .26	
1+80	-5.71	437.34	436.58	+0.76	+ 0' 9 1/8"	0+40 3.68	426.61	425.98	+ .63	
2+00	-4.44	438.61	437.58	+1.03	+ 1' 0 3/8"	2+02 is South Prop of Pine St.				
Round Cor omitted			ST Int		West	0+60 3.76	426.51	426.53	- .02	
2+40	1.70	444.26			442.56	0+80 3.06	427.23	427.18	+ .05	
2+40	3.90	440.36	439.58	.78		0+90 2.78	427.51	427.58	- .07	
4+20	4.78	439.48	434.83 439.08	+.40	N 7 2/8" E 4 5/8"					
2+00	6.55	438.71	439.08	+.63	E 7 5/8"					
	4.65	438.61	437.58		W 10 5/8"					

Curb Grades on West side of 2nd St.

57 48 SECTION. June 27th 1914

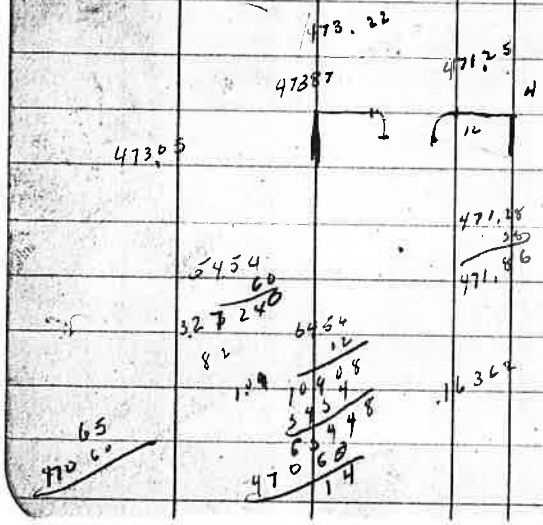
STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	B.M.S	H.I. 447.06	(7 39 66)	F.S.						
0+00										
2+60	-3.29	439.76	439.58	+0.18	+ 0' 2 1/4"					
			(47 L 58)							
0+40	-1.05	442.00	442.54	-0.54	- 0' 6 1/2"					
T.P.	+12.83	454.83	✓	-1.06	442.06 ✓					
			(47 5 58)							
0+80	-10.23	444.60	445.50	-0.90	- 0' 10 3/4"					
			(44 5 58)							
1+20	-6.70	448.13	448.46	-0.33	- 0' 4"					
			(42 1 56)							
1+60	-2.61	452.22	451.42	+0.80	+ 0' 9 5/8"					
T.P.	+13.03	466.99	✓	-0.87	453.96 ✓					
			10 4.58							
2+02	-10.62	456.37	454.58	+1.79	+ 1' 9 1/2"					
			43 0 26 N							
2+16	-9.34	457.65	455.63 E							
			45 7.36 S	1.82						
2+48	-8.31	458.68	458.10 E	.58						
B.M.	-8.42				458.57					

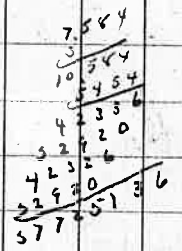
AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
2+62.15	North prop of Pine St.			
South	Prop of Cypress			
Round cor on south side of				Cypress St.
" " " North	" "			" "
B.M. on Telephone Pole				

58 Levels on North side of Cypress st.

SECTION. June 27th 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
	B.M.S.	H.I. 466.99		F.S.						
0+00	-4.20	462.79	458.6	+ 4.19	+ 4' 2 3/8"	Prop line on E line of 2nd st.				
0+40	-3.69	463.30	460.78	+ 2.52	+ 2' 6 1/4"					
0+80	-2.58	464.41	462.96	+ 1.45	+ 1' 5 3/8"					
T.P.	+11.51	477.15			465.64					
1+20	-11.72	465.43	465.14	+ 0.29	+ 0' 3 1/2"					
1+60	-9.44	467.71	467.32	+ 0.39	+ 0' 4 3/4"					
2+00	-6.47	470.68	469.50	+ 1.18	+ 1' 2 1/8"					
2+20	-4.67	472.48	470.6	+ 1.82	+ 1' 10 3/8"	West prop'l of 3rd st.				
2+80	-0.90	476.25	473.90	2.35	+ 2' 4 1/4"	East " "		" "		
	-5.19				471.96	Check on B.M. 471.96				





1.91 464.70

5.15

459.55
457.78
1.77
1.45
462.79
459.65

Curb Grades on East Side of 2nd St

59 SECTION. July 1st 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	B.M.-S	HI Ground / Grade		F.S.						
	2.75	438.47			435.72	On end of curb. E. side of 2nd st.				
0+00			435.80			N. Prop of Locust St.				
0+30	3.07	435.40	435.05	+ 0.35	+ 0' 4 3/8"					
0+60	3.92	434.55	434.30	+ 0.25	+ 0' 3"			7854		
0+90	4.51	433.96	433.55	+ 0.41	+ 0' 4 7/8"			.1570		
1+20	4.82	433.65	432.80	+ .85	+ 0' 10 1/4"					
1+50	6.69	431.78	432.05	+ .27	+ 0' 3 1/4"					
1+80	7.20	431.27	431.30	- 0.03	- 0' 0 3/8"					
2+00	7.70	430.77	430.80	- 0.03	- 0' 0 3/8"	S. Prop' of Oak St.				
2+12	8.55	429.92	430.50	- .58	5 1/2"	Round turn on S. side of Oak St.				
2+48	9.65	428.82	429.70	- .88 W		" " " N. " "	"	"	"	
T.P.	+3.25	432.07	429.94	- 1.05	428.82					
2+60				9.65						
0+00	3.62	428.45	429.47	- 1.02	-1' 0 1/4"	North Prop'		"	"	"
0+30	4.24	427.83	428.90	-1.07	-1' 0 7/8"					
0+60	5.08	426.99	428.33	-1.34	-1' 4 1/8"					
0+90	5.64	426.43	427.76	-1.33	-1' 4"					
1+20	6.06	426.01	427.19	-1.18	-1' 2 1/4"					
1+50	6.35	425.72	426.62	- 0.90	- 0' 10 3/4"					
1+80	6.23	425.84	426.05	- 0.21	- 0' 2 1/2"					
2+00	6.01	426.06	425.67	+ 0.39	+ 0' 4 3/4"	South Prop of A9 1/2 St				

60

Curb Grades on East side of 2nd St.

SECTION. July 1st 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		Ground	Grade							
		432.07	425.58							
2+20	5.79	426.28	425.75 +	0.53	+ 0' 6 3/8"					
			425.98	.54						
2+40	5.55	426.52	426.10 +	0.42	+ 0' 5"					
			426.53	.38						
2+60	5.16	426.91	426.55 +	0.36	+ 0' 4 1/2"					
T.P.	+7.79	434.70		5.16	426.91					
			427.18							
2+80	7.50	427.20	427.15 +	0.05	+ 0' 0 5/8"					
0+05 2+90	7.39	427.31	427.58 -	0.27	- 0' 3 1/4"	Stake	16' Out			N. Prop of ASH, St.
2+90	7.79	426.91	427.58 -	0.67	- 0' 8"	"	8' "			
0+20	7.73	426.97	428.58 -	1.61	- 1' 7 3/4"					
0+40	6.93	427.77	429.58 -	1.81	- 1' 9 3/4"					
0+60	5.54	429.16	430.58 -	1.42	- 1' 5"					
0+80	3.23	431.47	431.58 -	0.11	0' 1 3/8"					
1+00	2.07	432.63	432.58 +	0.05	+ 0' 0 5/8"					
1+20	1.20	433.50	433.58 +	0.08	- 0 1"					
T.P.	+10.26	443.76		1.20	433.50					
1+40	9.19	434.57	434.58 +	0.01	- 0' 0 1/8"					
1+60	8.32	435.44	435.58 -	0.14	- 0' 1 3/4"					
1+80	7.30	436.46	436.58 -	0.12	- 0' 1 1/2"					
2+00	5.11	438.65	437.58 +	1.07	+ 1' 0 7/8"	S. Prop of Pine St.				
2+14	3.96					Round corner S.E. side of Pine St				

61

Curb Grades on East side of 2nd St.

SECTION. July 13th 1914

188
827
815
1158

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	B.S	Ground H.I. 443.75	Grade	F.S.						
2+50	1.91	441.85				Round cor N side of Pine St.				3560 04 3806
0+00 2+62	1.20	442.56	439.58	2.98		N Prop. of Pine St.				
0+38	0.61	443.15	442.43	+ 0.72	+ 0.8 5/8"					
T.P.	11.59	454.74		0.61	443.15					
0+78	8.90	445.84	445.43	+ 0.41	+ 0' 4 7/8"					
1+18	6.98	547.76	445.43	- 0.67	- 0' 8"					
1+58	2.79	541.95	451.43	+ 0.52	+ 0' 6 1/4"					
T.P.	+11.83	466.57		0.00	454.74					
2+00	8.72	457.85	457.58	+ 3.27	+ 3' 3 1/4"	S. Prop of Cypress St.				
	7.95				458.62	B.M. on tel' Pole.	458.57			
2+10	8.53	458.04				Rouund corner on South side of Cypress				
		Curb stakes for South				Side of Cypress St.				
0+00	6.17	460.40	458.60	+ 1.80	+ 1' 9 5/8"	East prop' line of 2nd St.				
0+40	5.26	461.31	460.78	+ 0.53	+ 0' 6 3/8"					
0+80	4.22	462.35	462.96	- 0.61	- 0' 7 3/8"		457.83	45468	3.27	
1+20	2.62	463.95	465.14	- 1.19	- 1' 2 3/8"	534	463.24			457.45 574
T.P.	+9.43	474.43		1.57	466.00	522	458.02	45560	2.42	
1+60	7.56	466.87	467.32	- 0.45	- 0' 5 3/8"	516	458.08	45765	.23	
2+00	5.05	469.38	469.50	- 0.12	- 0' 1 1/2"					
2+20	4.28	470.15	470.60	- 0.45	- 0' 5 3/8"					

Curb Grades on South side of Cypress St.

62 SECTION. July 15th 1914

473.05 3454

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		Ground 474.43	Grade							
			471.41	60						
2+32	3.62	470.81	471.25 − 0.44		+ 0' 5¼"	Round corner W. side of 3rd st				
			472.40	43						
2+68	1.98	472.48	473.22 − 0.74		+ 0' 8⅞"	" " E "		"	" "	
2+80	1.40	473.03	473.90 − 0.87		+ 0' 10½"	E Prop		"	" "	
		used BM.								
T.P.	6.43	478.47		2.44	472.99	On BM. 471.94				
2+80	2.20	476.27	473.90 + 2.37		+ 2' 4½"	On North side of Cypress.				
2+68	3.06	475.41	473.22 + 2.19		+ 2' 2¼"	" " " "			"	
			473.05	2.36						
2+32	5.44	473.03	471.25 + 1.78		+ 1' 9⅜"	" " " "			"	
			472.00	1.03		" " " "			"	

1. Grades on East side of 1st st,

63 **SECTION.**

July 2nd 1914

F.J. Cole — Inst.

Clyde Herring - Rod.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
Sta.	B.M.'s	Ground & H.I.	Grade	F.S.	cut & Fill					
	7.92	433.92			429.00	Govt B.M.	Near depot			1868
0+00	1.21	432.71	432.00	+0.71	+0' 8½"	North Prop line of Locust St.				62601
0+40	1.68	432.24	431.38	+0.86	+0' 10⅜"					7864
0+80	2.92	431.00	430.75	+0.25	+0' 3"					
1+20	4.86	429.06	430.13	-1.07	-1' 0⅞"					
1+60	5.59	428.33	429.49	-1.16	-1' 2"					
2+00	6.95	427.57	428.87	-1.30	-1' 3⅝"	South Prop of Oak St.				
T.P.	4.37	429.71			425.40	(Note) Round corners not set.				
0+00 2+60	2.90	426.87	427.93	-1.06	-1' 0¾"	North	426.87	427.93		
0+40	3.24	426.53	427.31	-0.78	-0' 9⅜"	4.73	431.60			426.87
0+80	3.85	425.92	426.69	-0.77	-0' 9¼"	4.76	426.84	428.80	-1.96	89.4 E.B.
1+20	4.82	424.95	426.06	-1.11	-1' 1⅜"	3.62	427.99	428.28 / 42804	-.23 / -.11 W	-2¾ 1¾
1+60	5.97	423.80	425.44	-1.64	-1' 7⅝"	3.79	427.61	42880	-1.19	R+E.S.
2+00	6.03	423.74	424.83	-1.09	-1' 1⅛"	South Prop of Ash St.				
2+20	6.40	423.37	424.61	-1.24	-1' 2⅛"	3.22	428.88	42872 / 428.72	-.34	
2+45	6.92	422.85	424.70	-1.85	-1' 10¼"	4.02	427.58	428.80		
T.P.	8.03	428.23			420.20					
2+70	5.76	422.48	424.90	-2.42	-2' 5"					
2+90 2+70	6.09	422.14	425.50	-3.36	-3' 4⅜"	North	" "	" "	" "	
0+20	6.38	421.85	426.20	-4.35	-4' 4¼"					

2 Grades on East side of 1st St.

64 **SECTION.** July 2nd 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
Sta	B.S. 5	H.I. Ground 428.23	Grade	B.S.	Cut & Fill					
0+40	5.96	422.27	427.15 - 4.88		-4' 10 5/8"					
0+60	4.01	424.22	428.00 - 3.78		- 3' 9 3/8"					
0+80	3.15	425.08	429.15 - 4.07		-4' 0 7/8"	Curb 8' Out				
1+00	0.49	427.74	430.20 - 2.46		- 2' 5 1/2"					
T.P.	+12.45	439.83		0.86	427.38					
1+20	10.31	429.52	431.30 - 1.78		- 1' 9 3/8"					
1+40	8.20	431.63	432.40 - 0.77		- 0' 9 1/4"					
1+60	5.87	433.96	433.30 + 0.66		+ 0' 8"					
1+80	4.06	435.77	434.15 + 1.62		+ 1' 7 1/2"					
2+00	2.06	437.77	434.85 + 2.92		+ 2' 11"	South Prop' of Pine St.				
T.P.	5.89	443.58		2.14	437.69					
2+14	4.56	439.02	435.25 + 3.77		+ 3' 9 1/4"	Round corner on		South		side of Pine St.
2+50	3.81	439.77	436.40 + 3.37		+ 3' 4 1/2"	"	" "	North	"	" "
0+00 2+62	4.16	439.42	436.60 + 2.82		+ 2' 9 7/8"	North Prop' of Pine St.				
0+20	4.53	439.05	437.20 + 1.85		+ 1' 10 1/4"					
0+40	4.83	438.75	437.70 + 1.05		+ 1' 0 5/8"					
0+60	5.29	438.29	438.30 - 0.01		- 0' 0 1/8"					
0+80	5.13	438.45	438.70 - 0.25		- 0' 3"					
1+00	4.60	438.98	439.10 - 0.12		- 0' 1 1/2"					
1+20	4.13	439.45	439.50 - .05		- 0' 0 5/8"					

85 SECTION.

Grades on East side of 1st St
July 2nd 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
Sta.	B.M. 5.	H.I. Ground 443.85	Grade.		F.S.	Cut & Fill				
1+40	3.20	440.38	439.85	+ 0.53		+ 0' 6 3/8"				
1+60	2.62	440.96	440.20	+ 0.76		+ 0' 9 1/8"				
1+80	2.33	441.25	440.40	+ 0.85		+ 0' 10 1/4"				
2+00	1.73	441.85	440.50	+ 1.35		+ 1' 4 1/4"		South Prop' of Cypress St.		
T.P.	6.28	448.13			1.73	441.85				
2+14	6.38	441.75	440.60	+ 1.15		+ 1' 1 7/8"		Round corner on South side of Cypress.		
2+30	4.48	443.65	440.50	+ 3.15		+ 3'		" " " North " " "		
2+00 2+60	4.44	443.69	440.46	+ 3.29		+ 3' 3 1/2"		North Prop' of Cypress St.		
0+30	5.13	443.00	439.80	+ 3.20		+ 3' 2 1/2"				
0+60	6.12	442.01	439.10	+ 2.91		+ 2' 10 7/8"				
0+90	7.47	440.66	438.30	+ 2.36		+ 2' 4 3/8"				
1+20	10.28	437.85	437.60	+ 0.25		+ 0' 3"				
T.P.	3.06	438.74			12.40	435.73				
1+50	3.92	434.87	436.80	- 1.93		- 1' 11 1/8"				
1+80	5.96	432.83	435.80	- 2.97		- 2' 11 5/8"				
2+00	7.39	431.40	435.10	- 3.70		- 3' 8 3/8"		South Prop of Cedar St.		
2+12	6.44	432.35						Round corner on South side of Cedar.		
2+48	2.99	435.80						" " " North " " "		

76 Grades on North side of Cedar St.

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
Sta	Bel. S	H.l. Ground (438.79)	Grade. 4.33 25	F.S.	Cut & Fill					
0+00	3.54	435.25	~~4 32.70~~		+2.35 +2.00	West Prop of 1st	St	2.85	432.90	
0+30	5.31	433.48	4 31.75 4 31.25		+2.23 +1.73			1.65	431.83	
0+60	6.03	432.76	4 30 25 4 24.65		+1 +2.51			2.21	430.55	
0+90	7.39	431.40	4 28.75 4 28.90		+3 +2.65			2.35	429.05	
1+25.9	12.59	426.20	426.96 ~~426.46~~		-0.26 +.76	2' East of Spur	East rail	-.76	426.96	
T.P.	5.16	431.50		12.45	426.34					
1+53.6	5.49	426.01				2' West of Main track	West rail			
	5.12	426.38			426.38	On East rail of Main track				
	Oakland water system									
155½	ft West of Hydrant Cypress & 3rd St					Cock No 1				
204	" " "		"	"	" "	" No 2				
47½	" S "		T in Cypress and alley			Bet 1st & 2nd sts				
122	" W "		Hydrant Oak & 2 St			Cock No 3				

153.6

67 **SECTION.**

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		442.56	439.58	2.98						
6+00	963	452.19			442.56		Schell & Schell		Farm lumber	
+40	901	443.18	442.43	.75			" "		water	
+80	635	445.84	445.43	.41			" "		Picks	
+120	441	447.78	446.43	-.65			" "		wheelbarrows	
	024	45.P.95	451.43	+.52			" "		Lanterns	
T.P.	868	460.64	6	6.24	45.195					
	277	457.87	454.06	3.29						
						8.326				
						3.735				
						4.590	1026		8.07	S.W.
							459			
							14.85 10.8		6.90	N.W.
									8.325	S.E.
									10.03	N.E.
						Wagon tub = 4' x 7.89' = 7.41 Gal +				
						Bag cw 7'-5" x 32 1/2				

7.42
3.71
3.71
371
25 97
111 3
13,764 1
36
8256
4128
495.36
3.141
216

3658
31416 6
1374 .9
188496 3
21 49 72
9424 8
3141 6
43.28411 6 3
3658
34584
2161 5
25938
12969
1381.3537
748
1265080
63 2540
1106945
11.628 4960

4323
.327
20241
8646
12969
141 3624
748
113089684
5654484
98553941
10.57398508

231
748
7724
6177
1544
1854
1854
18

Grades on West side of 1st st

68 SECTION. July 2nd 1914

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		Ground.	Grade.	F.S.		Cut & Fill				
Sta	B.M. 5	H.I.								
B.M.	4.92	(433.92)				+29.00				
0+00	4.09	429.83	430.80	- 0.97		- 0' 0 1/8	Gov't B.M. near Depot.			
0+40	5.03	428.89	430.28	- 1.39		-	North Prop of Locust st.			
0+80	5.06	428.86	429.76	- 0.90		-				
1+20	6.15	427.77	429.24	- 1.47		-				
1+60	7.39	426.53	428.72	- 2.19		-				
2+00	8.32	425.60	428.20	- 2.60		-	South Prop of Oak st.			
2+30	8.52	425.40	427.81	- 2.41		- 2'	" " "			
T.P.	4.37	(429.77)		8.52		+25.40				
20+00 2+60	5.19	424.58	427.42	- 2.84		- 2'	North Prop of " "			
0+40	5.53	424.24	426.90	- 2.66		-				
0+80	5.53	424.24	426.38	- 2.14		-				
1+20	6.21	423.56	425.86	- 2.30		-				
1+60	7.11	422.66	425.34	- 2.68		-				
4+60= 2+00	8.12	421.65	424.83 (414.28)	- 33.18		-	South Prop of Ash st.			
2+20	9.44	420.33	[illegible] (414.38)							
5+05= 2+45	9.57	420.20	424.65	4.18						
T.P.	8.03	(428.23)	(424.73)	9.57		420.20				
2+65	9.41	418.82	424.85 (425.34)	6.03						
2+90 0+00	12.57	415.66	425.50	9.72		-	North Prop " " "			

64 SECTION. Grades on West side of 1st St July 2nd 1914

Level – F.J. Cole 4, 43
Rod – Clyde Hemmig

3.09 + 12 = 21

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
Sta	891.5	Ht. Ground (428.23)	Grade (426.16)		F.S. Col & Fill					
0+20	8.42	419.81	426.80							
0+40	7.74	420.49	(426.93) 429.15							
0+60	6.44	421.79	(427.93) 428.00			8' out to curb.				
0+80	3.71	424.52	(429.00) 429.15	4.48		2.44 2396.3			437.14	
T.P.	12.45	(439.83)			6.85 427.98					
1+00	10.57	429.26	(430.13) 430.20	.87		2.14 1.62 238.01				Old hub W side S.C.
1+20	7.67	432.16	(431.23) 431.30	.90		2.14 3.22 236.41				New " W side N.C.
1+40	5.55	434.28	(432.38) 432.40	1.90		435 C.				
1+60	4.24	435.59	(433.28) 433.30	2.31		2.14 4.16 239.42				New hub E side S.C.
1+80	3.74	436.09	(434.13) 434.15	1.96		2.14 2.89 236.74				New hub E side N.C.
2+00	2.14	437.69	(434.83) 434.85	2.84		2' short of South Prop of Pine				
T.P.	5.89	(443.68)			2.14 437.69					
2+14	5.57	438.01	435.25	2.76		Round corner on South side of Pine St.				
2+50	6.16	437.42	436.40			" " "		North "		" " "
2+62	6.39	437.19	436.60	.54		North Prop'				" " "
0+20	6.52	437.06	437.20	-.14						
0+40	6.82	436.76	437.90	-.94						
0+60	6.42	437.16	438.30	1.14						
0+80	6.66	436.92	438.70	1.78						
1+00	6.90	436.68	439.10	2.42						

Grade on Westside of 1st St.

70 SECTION. July 21st 1914

441.85
3.04
444.89

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
Sta	841.5	Ground, Hub (443.58)	Grade			F.S.	Cut & Fill			
1+20	6.42	437.16	439.50	2	34					
1+40	5.77	437.81	439.85	2	04					
1+60	5.27	438.31	440.20	1	89					
1+80	4.43	439.15	440.40	1	25					
2+00	3.53	440.03	440.50		47					
T.P.	6.88	448.13				1.73	441.85			
2+14	8.03	440.10	440.60							
2+50	7.10	441.03	440.50				South Prop of Cypress St.			
20+00 2+60	6.92	441.21	440.40				Round corner on South side of Cypress.			
0+30	6.80	441.33	439.80				North prop of			
0+60	6.83	441.30	439.10			443 3.04	444.89		441.85	
0+90	8.14	439.99	438.30			2+14 6.05			"	S4W. Re
1+20	10.85	437.28	437.60		32	2+14 4.16				N4W Re.
T.P.	3.06	438.79				380 123	441.28 443.74			
1+50	7.81	430.98	436.80			2+14 2.60				N4E. Re.
1+75	9.10	429.69	436.10			2+14 3.13	441.76			S4E Re
2+00	7.66	431.13	435.10			3.04	441.78			
2+12.5	6.18	432.61				443	440.97			
2+48.5	3.63	435.16				South Property of Cedar St.				
						Round corner on South side of Cedar				
						" " " North " "				

Grades on south side of Cedar ss St

#71 SECTION. July 2nd 1914

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
Sta	B91.5	H.I. & Ground 438.79	Grade 433.25	F.S.	Cut & Fill					
0+00	6.33	432.46	~~432.90~~	- 44	.79	West Prop of 12th St			355	
0+30	6.83	431.96	~~431.70~~ 431.25	+ 71	.21				420.0	
0+60	7.61	431.18	~~430.25~~ 429.65	1.53	.93					
0+90	8.41	430.38	~~428.70~~ 428.00	+ 2.38	1.63					
1+286	12.32	426.47	~~426.96~~ 426.46		.50	2' East of spur - East rail				
T.P.	5.76	431.50		12.51	426.34	On ℄ Hub at end of Bridge				
1+54 65	5.85	425.65				2' West of Main track - West rail.				
	5.72				426.98	On East rail of Main track.				
	Oak Street Estimate									
Sq yds of Pavement		= 758	@ $.128		97.02					
St Curb		= 380	@ .425		161.50	3.30 438.55			435.25	
Curved Curb		= 31.7	@ 60		18.84	0+30 3.30 30				
Fill		= 556.7	@		33.40	0+30 4.2 ℄				
Tube	4"	230	@ .15		34.50	0+30 3.86 434.69				
					1589.20	6+30 6.06 431.47				

48 220 172 176 60 6143 — 5-4 1/2 216 — 7854 176 — 30 210 600 60 4600 200 216 8216 75.6 — 661 73.89 N+W — 246 STE — 73.89 1st St S+W — Cedar S+W

72 **SECTION.**

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	Embankment	CUBIC YDS. EXCAV.	EMBANK.	REMARKS
	Check	levelsan	2nd st							
2+30	11.21	(433.90)			422.68	1st Ash St.	on	West side		
2+90	10.95	422.95	427.58	4.63	4' 7 3/8		"	"	"	
0+20	9.74	424.16	428.58	4.42	4' 5 1/8			"	"	
0+40	7.42	426.48	429.58	3.10	3' 1 1/4"			"	"	
0+40	6.16	427.74	429.58	- 1.84	- 1' 10 1/8"		On	E side		
0+20	6.94	426.96	428.58	1.62	- 1' 7 1/2"					
0+00	7.01	426.89	427.58	0.69	- 0' 8 1/4"					
	6.31	427.59	427.58			On stake	set	as Grade		
		W side					East	side		
	5.22	444.37			439.15					
2+00	4.40	439.97	440.50	- .53						
+15	4.29	440 08								
+45	3 48	440.89								
0+00	3.15	441 22	440.40	+.82						
+30	3.06	441 31	439.80	+1.51						
+60	3.41	440.96	439.10	+1.86						
+90	4.90	439.47	438.30	+1.17						
1+20	7.07	437.30	437.60	- .30		6.50	437.87	437.60	+ .27	
+50	9.99	434.38	436.80	- 2.42		9.46	434.89	436.80	-1.91	
+80	11.11	433 26	435 80	-2.54		9.10	435.21	435.80	- .59	
2+00	9.70	434 67	435 10	.43		9.16	434 61	435.10	- .49	
+10	10.41	433.96								

73 **SECTION.**

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	CUT OR FILL C	CUT OR FILL RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
First	Crusher run with jaws of crusher set to two inches. Spread 5" thick					and screening of the size above specified until all the asphalt is absorbed and the screenings bound together.				put on and thoroughly
Second	This course wet and rolled until thoroughly compacted and not less than 4" in thickness					Second & sibling coat shall then be applied as in the specifications for Front St.				
Third.	This foundation course after dry shall be raked and brushed and made free from all screening and dust on the surface					Eight. In all cases of pavement 5" thick when completed, with a wearing surface made up of the three coats as specified above.				
Fourth	Asphalt shall then applied until all the rocks is thoroughly coated and a small surplus left in the voids. Approximately 3/4 gal to sq. yd.									
Fifth	Screening ranging in size from 1/4" to 3/4", without dust, shall then be evenly spread brushed and thoroughly rolled and more screenings and asphalt added if necessary until this coat is uniform									
Sixth	Another coat of asphalt shall then be added at the rate of approximately 3/8' gal to a sq yard									

74 X SECTION. for Yon calla Street Pavement. July 11 1914

STA.	ELEVA,	GRADE	N CUT OR FILL S — LEFT		C		RIGHT			AREAS — EXCAVATION			Embankment		CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
		00.02			H.I. 386.13			386.11									
0+00			31/36	22/31	18/35	33/00	18/31	22/30	30/29	℄ of A ST							
+18			30/43	23/42	18/40	00/36	18/35	22/34	30/33	E. Curb Line A ST							Second Str. North From "A" and ST.
0+30		top of Conc wall	23/46	22/56	18/46	00/40	18/40	22/56	30/46	E Prop "	"	"					
0+60		"	23/49	22/60	18/60	00/53	18/50	22/60	24/53	N						S	
1+10		"	23/55	22/71	18/68	00/60	18/72	22/74	24/59	3+02.5		30/81	22/81	18/80	00/76	18/69 15	22/63	30/76	W. Curb Line of Front ST
+50	W. side of Alley	"	23/64	22/80	18/77	00/71	18/71	22/76	24/66	1+17.5		30/81	22/81	18/77	00/71	18/66	22/65	30/65	℄ of Front
+70	E side Alley	"	23/64	22/75	18/78	00/71	18/72	22/76	24/75	1+32.5		30/82	22/83	18/80	00/69	18/65	22/64	30/64	E Curb Line
2+10		Top of Board W	23/66	22/78	18/81	00/76	18/80	22/86	24/73	1+42.5		30/90	22/84	18/78	00/68	18/65	22/64	30/60	E Prop "
+50		"	24/71	23/82	18/92	00/82	18/84	22/92	24/85										
+90		"	24/78	22/86	18/93	00/86	18/83	22/93	25/89	W. Prop of Front ST.							

75 **SECTION.** Second ST. bet "A" and "B" STs.

STA.	ELEVA.	GRADE	CUT OR FILL N — LEFT			C		RIGHT			AREAS: EXCAVATION	AREAS: Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	6.5	392.21							386.06						
0+18			3.0	2.2	1.7	0.0	1.7	2.2	3.0						W. Curb of A
0+30			level	2.2	1.7	0.0	1.7	2.2	level						W Prop of A
+70			level 2.3	2.1	1.7	0.7	1.7	2.2	level						
1+10			2.3 level	1.9	1.7	0.6	1.6	2.2	level						
+50			level 2.3	2.0	1.7	0.0	1.4	2.2	2.4	level					E Side Alley
+70			level 2.3	2.4	1.7	0.0	1.7	2.2	2.4	level					W " "
2+10			2.3	2.0	1.7	0.0	1.8	2.2	2.5	level					
T.P.	8.80	400.56				0.43			391.78						
+50			2.4	2.2	1.7	0.0	1.7	2.2	2.4	level					
2+91			level 2.3	2.1	1.7	0.7	1.7	2.2	level						E Prop B ST
3+09			3.0	2.2	1.8	0.0	1.7	2.2	3.0						E Curb B ST
3+21			3.1	2.3	1.7	0.9	1.5	2.2	3.4						C of B ST

76 X SECTION. Second St bet "B" and "C" STs

STA.	ELEVA.	GRADE	CUT OR FILL (N) LEFT	C	RIGHT (S)	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	7.60	407.90		028	40 0.30					
0+12			30 24 / 84 8 — 19 / 9 — 15 / 10	00 / 10 —	15 / 10 — 19 / 10 — level					
0+30			level 24 / 7 — 19 / 9 —	15 / 9 —	00 / 9 — 15 / 9 — 19 / 9 — level					
0+70			level 24 / 5 — 19 / 7 —	15 / 7 —	00 / 7 — 15 / 7 — 19 / 8 — 30 / 7 —					
0+10			level 24 / 28 — 20 / 30 — 19 / 32 —	15 / 4 —	00 / 5 — 15 / 5 — 19 / 6 — 30 / 6 —					
1+50			level 24 / 1 — 21 / 28 — 19 / 31 —	15 / 2 —	00 / 3 — 15 / 3 — 19 / 4 — level					E
1+70			level 24 / 1 — 19 / 1 —	15 / 1 —	00 / 2 — 15 / 3 — 19 / 3 — level					W
T.P.	9.68	417.16		042	407.48					
2+10			level 24 / 7 — 19 / 9 —	15 / 8 —	00 / 9 — 15 / 10 — 19 / 10 — level					
2+50			level 24 / 5 — 19 / 7 —	15 / 7 —	00 / 7 — 15 / 7 — 19 / 7 — level					
2+91.3			level 24 / 32 — 19 / 40 —	15 / 37 —	17 / 42 — 15 / 45 — 19 / 50 —					
3+09.3			30 / 20 — 24 / 22 — 14 / 30 —	15 / 34 — 00 / 40 —	15 / 43 — 17 / 43 — 30 / 47 —					
3+21.3			30 / 16 — 24 / 20 — 19 / 24 —	15 / 30 — 00 / 34 —	15 / 35 — 19 / 40 — 30 / 43 —					

77 **SECTION.**

STA.	ELEVA.	GRADE	CUT OR FILL (N) LEFT			C	RIGHT			AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK.	REMARKS
	990	926 48				0.58		4 16	58					
0+12			30/10 3	24/10 7	19/11 1 / 15/11 3	00/12 6	15/12 9	14/12 5	30/12 8					
+30			30/10 2	24/10 2	19/10 5 / 15/11 0	00/11 8	15/12 1	19/12 5	30/12 3					
+70			30/9 6	24/9 6	20/8 7 / 15/9 0	00/9 4	15/10 2	19/10 6	23/10 8 / 30/10 8					
1+10			30/8 3	24/8 3	20/6 5 / 15/6 4	00/6 8	15/7 7 / 19/7 7	23/8 0	30/7 9					
50			30/7 2	24/7 2	20/5 5 / 15/6 1	00/5 4	15/5 9	19/11 / 23/5 6	30/6 0					
+70			30/6 6	24/6 6	20/5 3 / 15/4 6	00/5 0	15/4 8	19/5 1	30/4 8	3+32 61				
2+10			30/5 1	24/5 1	20/3 5 / 15/3 7	00/3 4	15/3 5	20/3 9 / 30/3 7		3+32 61	30/0 9 / 20/1 2 / 15/1 2 / 00/2 2	15/2 4 / 20/3 2	30/3 7	
+50			30/4 4	24/4 4	20/3 8 / 15/3 5	00/3 5	15/3 0	20/3 0 / 30/2 7			30/1 0 / 20/1 6 / 15/0 6 / 00/1 4	15/2 0 / 20/2 6	30/3 2	
2+90 61			30/3 8	24/3 5	20/3 5 / 15/3 1	00/2 5	15/1 8	20/1 8 / 30/1 3			CK BM	8 63	917.95	
3+08 61			30/4 9	24/4 0	15/3 7	00/2 6	15/1 8	20/1 4 / 30/1 2						
+20 61			30/3 9	24/3 2	15/3 1	00/2 5	15/1 7	20/1 4 / 30/1 2						

78 **SECTION.**

STA.	ELEVA.	GRADE	CUT OR FILL LEFT	C	RIGHT	AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK...	REMARKS
		Stakes from Stevens mill								
✓ June 22		40	stakes							
✓ " 23		40	"							
✓ " 25		50	"							
✓ " 26		50	"							
✓ " 26		156	Markers.							
✓ " 29		50	stakes.							
✓ " 30		40	"							
July 2		74	Markers.							
		East Side of Front			Emb. fill 423.74					
	6.76	430.50								
0+00	6.06	424.44	424.83	-.39	& Prop of Ash					
+15	5.76	424.74	424.38	+.36						
+30	6.15	424.35	424.28	+.07						
+50	6.09	424.41	424.48	-.07						
+70	5.99	424.51	424.88	-.37						
+90	5.55	424.95	425.38	-.43						
0 +20	5.26	425.24	426.12	-.88						
+40	4.26	426.24	426.96	-.72						
+60	3.42	427.08	427.93	-.85						
+80	2.37	428.13	429.00	-.87						
	0.94	429.56								

3.8 4~ 3.5 4~ L 7+78 32 810

AREAS EXCAVATION	AREAS Embankment	CUBIC YDS. EXCAV.	CUBIC YDS. EMBANK...	REMARKS
Front St. Bet Locust & Oak.				267.0 6"
Oak st " Front & 2nd				295.0
Alley " Oak & Cypress				800.0
				134 16 804 34 2144
West side Emb. fill				
631 0	430.05			423.74
505	425.00	424.83	+ .17	5 Props of Ash
559	424.46	424.38	+ .08	
550	424.55	424.28	+ .27	320 2144 240 2704
571	424.64	424.48	+ .16	
509	424.96	424.88	+ .08	
492	425.09	425.38	- .29	
445	425.60	426.12	- .52	
402	426.03	426.96	- .93	
312	426.93	427.93	- 1.00	
211	427.94	429.00	- 1.06	
0.75	429.30			

79

SECTION.

STA.	ELEVA,	GRADE	CUT OR FILL LEFT	C	RIGHT
3/8" = 5q = .478					
1/2" " = 85					
32 x 5 =	256 x .85 =				
4 2/3 x 91 =	424 2/3 x .85 =				
	680 =	578.85			
8 x 31 =	248 x .5 =				
45 x 4 2/3 =	210 x .5				
4 x 35 =	140 x .5				
90 x 4 3/4 =	337.5 x .5				
60 x 1.5 =	1350 x .5				
	1070.5 x .5 =	535.25			
		1114.10			
4.81	438.77				433.96
2.64	436.13	434.85	1.28		
1.18	437.59	435.25	2.34		
1.38	437.39	436.40	99		
0.70	438.09				

-5.62
-9.57
0.55
2.14
1.73
12.40
12.45
47.66
45.00
2.66

+ 492
4.37
8.03
12.45
5.89
6.28
3.06
45.00
429
434.00
47.66
426.34

429.00
2.66
426.34

226

7' 10 3/4"

690
528
1218
40
6 48720
9 8120
9 902.0
100.2
19.21
40
9 7684.0
6 853.8
142.3

612
69
1302
40
9 26040
9 4340
48

690
525
1218
40
6 48720
9 8120
90.2

350
60
290
.004
1160
75
5800
81200
162400

75.1
5.0
9 3755.0
4 626
69.5

84
139
223

1002
90
1092
40
9 7616.0
6 846.2
141

902
612
1514
40
9 60560
9 10093
112

528
223
751

80

24

Bill Me Miller P M

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